Holstein-Friesian World

UNIVERSITY MICROFILMS 1-51C
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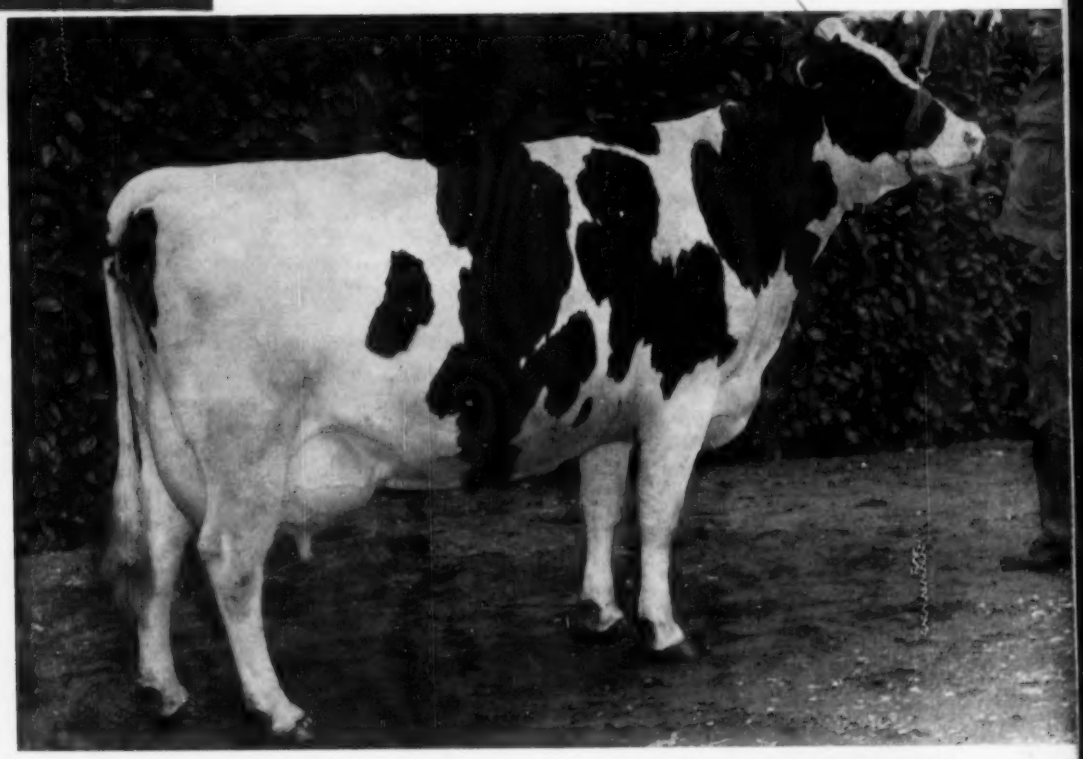
ANN ARBOR, MICH.

THE NEWSPAPER OF THE BREED

April 16, 1955



Carnation Lola Tilda Beauty 3153536 (VG-87)
An All-American Still Looks the Part

IN THIS ISSUE . . . .

Annual Report of Executive Secretary — Rumler
Calf Raising Methods at Winterthur — Pomeroy
Leptospirosis — A New Threat — Morse
Zero Pasture — Lashbrook

From Every Angle —

E. T. 782 IS A TOP CALF

- ☆ HE IS WELL GROWN AND NICE TYPE THROUGHOUT.
- ☆ HIS THREE NEAREST DAMS ARE ALL OVER 800-LBS. FAT AND 28,000-LBS. MILK, TWO OF THEM IN HEIFER FORM.
- ☆ HIS THREE NEAREST DAMS HAVE COMPLETED FIVE RECORDS THAT AVERAGE:
  25,693 Lbs. M. — 921.8 F. — 3.58% TEST

E. T. NO. 782
Born August 18, 1954
His six nearest dams ave.:
Fat 365d **892.6**
Milk **26148.0**
Pictured above.

KYLAND CASCADE BURKE 9th
His three nearest dams ave.:
919.5 F. — 25,145 M
His dam, former state champion has a total of 5,341 F. and 130,672 M. She is a daughter of Admiral Bonny Girl (GM) and of Alverno Fobes Miranda Koba with 783 F. 3y.

ABBEKERK SKYLARK LITTLE ELEANORA (GP)
Fat 365d 4½y 818.5
Milk (3X) 28597.0
She has other records that bring her total production to date over 100,000-lbs. milk.

KYLAND CASCADE BURKE
Now Silver Medal Type Sire
First 9 daus. ave. 16,173M. and 553 F. — increase of 2129 M. and 60 F.
Son of Popevale Cascade Amy (VG) 812.6 F.

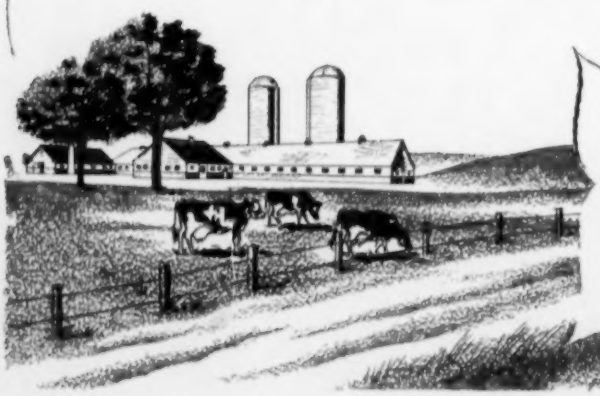
KYLAND KOBA GIRL
365d 7y 3X 28711 4.0% 1152.2
(Former Wisconsin State Leader)
365d 9y 2X 21228 4.4% 938.0
6 lact. total, 130,672 M. and 5,324.1 F.

DUNLOGGIN ROYAL VAR
Sire 1st Jr. Get—Okla. and Texas, '48. 11 A R Daus.
But. Dun. Home. Rex
365d 4½y 3X 21758 4.4% 946.9
Son of Montvic Lochinvar from the 951-lb. Res. All-Time All-Am. Dunloggin Elenora.

BELWIN JOHANNA SKYLARK (EX)
365d 3½y 3X 29233 847.3
(Former world records)

Write, Phone, Wire — or Come and See Him

A. R. and H. I. R. Testing • T. B. Accredited; Bangs Certified • Calfhood Vaccinate



PURE BRED HOLSTEINS

Kyland

W. D. KYLE, JR. Owner

FRANK CASE, Manager
Route 1, Oconomowoc, Wis.

A Top Royal Daughter to Springfield . . .

CLYDE HILL ROYAL
Result of a full brother and sister mating (both "Excellent") and thus a double grandson of Rock River Hengerveld Al (Ex-GM) and famous 200,000-lb. "Old Zuba" (Ex).

Eastern States Exp. Grounds — April 29

OSBORNDALE JOANNE ORMSBY ROYAL

3734629 - Born Dec. 27, 1952

Bred November 8, 1954 to SIR BESS ORMSBY FOBES (Ex-GM) — what breeding this calf will carry.

Her dam is a daughter of Sir Bess Ormbsy May 2d (VG-GM), Osborndale Joanne Inka Ormsby (Very Good) with several good records, including . . .

5-2	365	3X	17,071	4.0	685.0	AR
8-9	305	2X	16,321	3.7	610.8	AR

She has an AR daughter by "Fobes" with over 600 lbs. fat as a jr. 2-yr-old.

This heifer going to Springfield is one of our truly outstanding individuals — one of the nicest we have consigned to any sale in a long time. You'll like her.

OSBORNDALE — Derby, Conn.

— Accredited and Certified —

F. M. NICHOLS, Mgr. Mrs. W. S. KELLOGG, Owner HANS JENSEN, Herdsman

---

CLARKDALE GLORIA TRANSMITTER

Winterthur — Transmitter Breeding

A 4% BULL

AN 1100-LB. BULL

A 27000-LB. BULL

Certified and Accredited for Bang's and T. B.
Larry Fitch, Herdsman

Watch May 21 World

For Picture of High Record Daughter of

Transmitter

Consigned to Convention Sale

NEWS NOTES: Dr. L. W. Goodman, Poughquag, N. Y. has purchased a Transmitter son from a daughter of Carnation Imperial Cavalier (Ex).

— THANKS TO THE BULL OF A LIFETIME

Stuart Young, Watertown, Conn. reports a daughter of Transmitter in his herd produced over 600 fat on 2X at 2 years. Another just under 600 fat. Both came from the Amcana Dispersal.

Holstein-Friesian World

The Newspaper of the Breed

VOL. 52 - NO. 8 APRIL 16, 1955

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May 7, 21, June 4, 18, 1955

News and advertising forms close 19 days in advance of publication dates.

Telephone Sandy Creek, N. Y., 3301

THE COVER

Carnation Lola Tilda Beauty 315-3536 (V.G.) at three years still looks the part of the All-American honors she won in 1953 as a three-year-old. This photo was made recently, just before she dropped her fourth calf. She made 658 lbs. in 308 days (SA) as a four-year-old and Russ Pfeiffer reports she is going to town in this lactation. A daughter of Hallrose Progressor, her dam is a 1009 lb. Excellent daughter of Carnation Black Magic and is a three-fourths sister of Carnation Homestead Revelation. The maternal granddam, Willowdale Skylark Beauty 1174 lbs., is the dam of Revelation and has three Excellent offspring and two 1000 lb. daughters. Pretty close to the heart of Carnation.

NEWS of the TRADE

NATIONAL RECORD FOR MARYLAND COW

B.D.I. Audoug Clara 3370484, owned by Dairy Husbandry Research Branch, ARS, Beltsville, Md., is the new national champion 2X for junior 3-year-olds, yearly division, with her recently reported record of 863.0 lbs. fat. She produced 19,799 lbs. milk, 4.4%. She displaces for fat production at this age and class, Winterthur Fobes Posch Wiqais, bred by Winterthur Farms and developed by the Estate of J. H. Cooper, Verplanck, N. Y., and later owned by Silvis Farms, Greensburg, Pa.

B.D.I. Audoug Clara is a daughter of Lauxmont Rag Apple Autocrat, high proved son of Montvic Rag Apple Netherland. Autocrat was the dean of the stud at the first Pennsylvania A.B.C., Lewisburg, during his final years of service. Her dam, a daughter of Douglas Buttercup Hark, has a 2X record of 906 lbs at 9 years.

NEW STATE RECORDS

Colorado

Holwis Admiral Queen 3002902 (VG), owned by City Park & Brookridge Farms, Denver, Colo., was reported in our issue of February 19 with a new state championship performance on 3X based upon a 344-day lactation. A corrected figure now received from Brattleboro gives her A.R. record for the full 365 days as follows: 27,074 lbs. milk, 3.7% 997.4 lbs. fat. Colorado statiticians please make note of this correction.

FOR OKLAHOMA—1045 FAT

A new herd test record for Oklahoma has been marked up for the 7-year-old Ethelroy Rag Apple Daisy of 1045.9 fat, 25,252 milk, 4.1%. She has been developed and is owned by LeRoy D. Smith of Broken Arrow, Oklahoma and is the second 1000-lb. fat cow in Oklahoma, a new state record on AR of 1034 of fat having been made by Adams Acres' Columbine Korndyke Pietertje just last fall.

Ethelroy Rag Apple Daisy has a previous record of 930.2 fat at five years and another record of 795 fat made as a senior four year old; all three of her records were made on 2X milking. She is a daughter of Davidson Piebe Ormsby Matador and was bred by O. G. Davidson of Sperry, Oklahoma.

RECORDS

Carnation Lola Spofford 3153488 (VG) becomes the first 1,000-lb. daughter of Hallrose Progressor, Excellent Gold Medal herd sire at Carnation Milk Farms, Carnation, Wash. Her 3X yearly A.R. record at 5 years is officially reported with 27,676 lbs. milk, 3.7%, 1017.1 lbs. fat. She becomes the 631st U. S. Holstein to produce over 1,000 lbs. fat in A.R. or H.I.R.

She had two previous A.R. records on 3X of 683.2 lbs. at 3 years 7 months and 594.8 lbs. at 2 years 2 months.

Carnation Lola Spofford comes from a very choice family at Carnation. Her dam, Carnation Lassie Spofford (VG) is the highest record daughter of Carnation Ensign, with 27,481 milk, 3.5%, 959.7 lbs. fat. The next dam was by Governor of Carnation and the third dam, an 1121-lb. 4X daughter of Sir Inka May.

Cover Girl Constance Veeman (March 19 issue) won several additional honors with her phenomenal 1143 lbs. 2X record as an 11-year-old which were not mentioned in connection with our short cover description.

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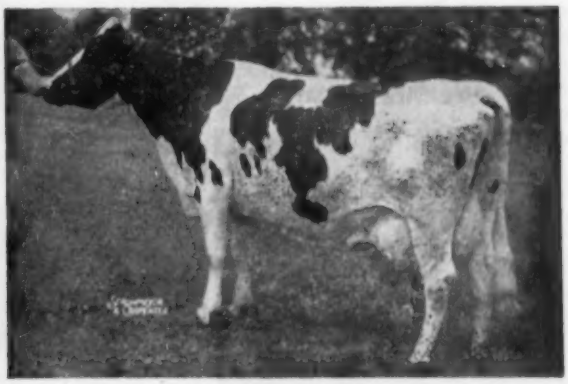
The Grandmothers of our Present and Future Herd

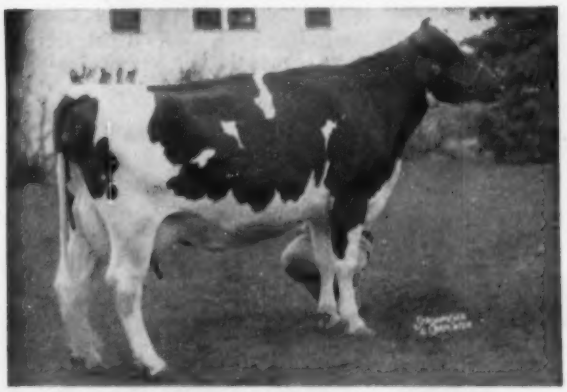
LORNABELLE DOREEN POSCH
29,908 lbs. milk and 1043 lbs. fat. Lifetime over 230,000 lbs. milk and 8200 lbs. fat. **She is the dam of CONSTELLATION.**



SUNNY GRANTON KORNDYKE MERCEDES (VG)
31,405 lbs. milk and 1061 lbs. fat. **She is the dam of PARAMOUNT.**

CARNATION PRINCESS HEILO (VG)
22,280 lbs. milk and 853 lbs. fat. **DYNAMO's mother.**

We thought you might like to see the mothers of our herd sires here at Green Meadow Farms. We think we have done a pretty good job in securing bulls from such outstanding cows. However, we believe the most important qualification for a herd sire is that he has an outstanding mother as it is expecting a little too much of any bull to sire many daughters much better than his own mother.



KORNDYKE MERCEDES MABEL (VG)
28,770 lbs. milk and 1008 lbs. fat. She is the mother of a calf we are reserving for a junior herd sire. She is also Paramount's maternal granddam.

We have a very good selection of bulls sired by CONSTELLATION, PARAMOUNT and DYNAMO. They are out of good record cows, several of which are classified Very Good or Excellent. These calves are priced very reasonable. We also have some very nice heifer calves for sale. They are not of our own breeding but are out of cows which we have added to our herd this winter. They would make excellent 4-H calves and they are priced right.

Green Meadow Farms

Elsie, Michigan

"Where The Latch String Is Always Out"

Opportunity - -

A Great Young Herd Sire Prospect For Sale.

His Sire's Dam

MARSHLINE DEAN REBECCA (VG)
2X 7-0 365d 20,522 3.99 819 DHIA
Now over 100,000 lbs. milk and the third generation of 100,000-lb. producers.

Not only is the great cow pictured the dam of the sire of this calf, but she is also the 100% sister to the dam of the calf.

Marshline Raven Highlight

Born 2-5-55

His Sire

Marshline Raven Ranger

He is our homebred son of Weber Hazelwood Burke Raven (Ex-GM), the sire of the Res. All-American Get last year. Ranger is from the heart of our Blossom cow family and his dam is Blossom's greatest daughter (pictured above) sired by Maytag Ormsby Dean 5th, a proven son of Sir Bess Ormsby Dean out of Maytag's great Sunnyside family. Ranger is developing into quite a 2-yr-old bull and his calves are uniform, black and nice.

His Dam

Marshline Dean Sunnyside (VG)

2-9	336d	10,080	4.21	425
3-9	365d	13,715	4.16	569
5-2	316d	14,280	4.03	576
6-2	352d	14,630	3.98	584

Now fresh again at 7-3, she has 4,360 lbs. milk and 200 lbs. fat in the first 64 days and it looks like a great record this year.

Sunnyside is a daughter of Blossom's full sister, Marshline Ormsby Diana (VG-over 100,000 lbs. milk) sired by Maytag Ormsby Dean 5th. One of the nicest heifers in our herd is Sunnyside's yearling daughter sired by Maytag Ormsby Fobes Dictator. Don't forget Blossom is Excellent with over 170,000 lbs. milk and 75% of our herd descends from her.

For a bull calf with a beautiful linebred pedigree filled with great lifetime production Marshline Raven Highlight is the bull for you.

Write or Visit

Marshline Farms

KENT E. WHIPPLE
SAVANNAH, N. Y.

Vacc. - Acc. - Cert.

In addition to her honors in the 2X milking division, she also became the highest record cow ever developed in Iowa, regardless of age or frequency of milking. The previous 2X state record holder was Spies Iva Pontiac Mercedes DeKol, with 952.4 lbs. in the herd of Spies & Lein, Graettinger, Ia. The record in the 3X division was held by Inka Rue Ollie Posch, who in 1947 made 1071.3 lbs. in the Maytag herd at Newton. The record in the 4X division was made in 1940 by Clivé Ormsby Fobes Felton with 1131.2 lbs. This cow was owned by Oakdale State Sanatorium, Oakdale, Ia. and made her record at Maytag Dairy Farms. Connie as she is affectionately called at home, is owned by Ronald Chapman, Ruthven, Ia.

1000-LB. ZUBA GRANDDAUGHTER

A five year old daughter of Clyde Hill Elsie Tidy Lad at Clyde Hill Farms in Missouri has completed a 349 day record of 1066.3 fat, 26,087 milk, 4.1%. She is Clyde Hill Pearl Rosetta Lad and her dam is the third and youngest daughter of the old Excellent Zuba Amarilla King De Kol that has a top record of 708 fat. Thus "Pearl" traces twice each to old "Zuba" and to old Rock River Hengerveld Al and three times to Sir Bess Ormsby Fobes. Her sire is the Gold Medal son of Sir Bess Ormsby Tidy Fobes and of "Elsie", Excellent full sister to the dam of "Pearl".

In the Clyde Hill booklet published back in 1948 "Pearl" was pictured as a little calf with the prediction that "she and her dam may start a third great family from old 'Zuba'." With a 4-yr-old record of 877 fat, "Pearl" now has a total of 78,903 milk and 3,149 fat in her first four lactations.

EXCELLENT AND TWICE 1000 FAT

One of Missouri's most famous cows, Bristol Fifi Man-O-War Dean (Ex), has just completed her second record over 1000 of fat for her owners, O. J. Hartzler & Son, of Harrisonville. After completing a record of 1067.3 fat on 2X at 7 years 10 months, "Fifi" freshened again at 9 years 1 month and made 1076.7 fat from 26,016 milk, 4.1%, also on 2X.

This cow was grand champion of the All-Missouri state show in 1953 and at the state fair and All-State show in 1952 when she placed second in a class of 34 at the great Pan-American show at Dallas. She received Honorable Mention for All-American in 1952. She is a daughter of Sir Bess Ormsby Dean 6th and was bred by A. O. Westland, Lake Mills, Iowa. She and one of her stablemates were WORLD cover subjects July 4, 1953.

BRISTOL FIFI MAN-O-WAR DEAN (EX)
Just reported with her second 2X record over 1000-lbs. F. Winner of any grand championships and Hon. Mention for All-Am., 1952. O. J. Hartzler and Son, Harrisonville, Mo.

GOLD MEDAL SIRE

Harden Farms King Twelve 1009-092 (GP), proved by H. W. Craun & L. J. Crowgey, Roanoke and Wytheville, Va., and now with the stud of the Virginia Artif. Breeders, is announced by the National Holstein Association as a Gold Medal Sire.

Bred by Harden Farms, Camden, N. Y., King Twelve is proved on 15 pair with the daughters averaging (305d-2X-ME) 14,244 lbs. milk, 3.55%, 505 lbs. fat, compared with the dams' average of 13,537 lbs. milk, 3.61%, 488 lbs. fat. 80% of his 40 daughters eligible have been classified for a score of 81.1 points.

The new Gold Medal Sire is a son of the Harden Farms herd sire, Dunloggin King Var (VG) and Arelm Beauty Major 2133718 (Ex), who since coming into the Harden herd at 4 years of age has produced 182,460 lbs. milk, 6273 lbs. fat in DHIA. She is a daughter of Newmont Major (EX).

LAKESIDE FARM SALES

"Recent bull sales have been good over the past few months", writes Ray Brubacher, manager of Lakeside Farm, Elkhart Lake, Wisconsin. Mr. Earl Faas, Plymouth, Wisconsin pick-

ELKHART INKA (VG)
Daughter of Sir Ollie De Kol Korndyke Prilly with 701 F. 7y 2X in the Lakeside herd at Elkhart Lake, Wisconsin. Her son by Maple Lane Pabst Roamer sold to Earl Faas, Plymouth, Wis.

ALL NEW CASE "400"

A Revelation in Performance . . . a Dream to Drive

Styled for the farm of tomorrow, the completely new Case "400" Tractor is a miracle of driving convenience. New Powr-Range transmission provides unbroken speed range from slow creep to highway transport —with engine always turning at or above its strongest-pulling RPM. At any speed you can make full use of engine power—do better work, more work in a day. Remarkably simple, too—eight speeds forward and two reverse with only one gear-set, one clutch, one shift lever.

You get completely new comfort, too. Torsional rubber seat suspension that "soaks up" bumps and bounces . . . lots of leg room . . . steering wheel in natural driving position . . . extra-short turning, extra-easy steering with Uni-Thrust front suspension . . . power steering optional. Duo-Valve hydraulic system provides limited power penetration . . . operates both the built-in Eagle Hitch cylinder and a portable ram, completely independent of each other.

ALL NEW ENGINES FOR ALL FOUR FUELS

Powrcel diesel engine. Powrdyne engine for gasoline, LP gas, distillate. Electric-hardened 5-bearing crankshaft, diesel super-strength throughout.

America's Finest Tractor in the 50 h.p. class

MAIL

See the all-new "400" first chance—let your Case dealer demonstrate how it will fit your needs. Send now for inside story of the "400"—check or write in margin for folders on any machines that interest you. J. I. Case Co., Dept D-405 Racine, Wis.

4-plow "400" Tractor	Wheel-Type Tandem Disk
5-plow "500" Diesel	New Side-Mounted Mower
3-plow "SC" Tractor	New "200" Side Rake
2-plow "VAC-14" Tractor	Low-Cost "130" Baler
New Forage Harvester	New 7-ft. "75" Combine

Name_____

Address_____

_____

Acres you farm_____ Are you a student?_____

A SIGNAL DAUGHTER

to the Classic, April 29

PABST SIGNAL "Excellent"
Gold Medal Proven Sire
One of the greatest proven sons of BURKE, and from the heart of the famous Eyebright cow family.

Whirlhill Signal CONNIE is the first daughter of her renowned sire we have consigned in many years. She is "a real one," good enough to go into any herd in the nation. She is pregnant to service October 26, 1954 to HONEYMAN, $11,000 son of PABST WINTERTHUR ZEUS, and will freshen as a jr. 2-yr-old.

CONNIE comes from a proven dam, a real producer and reproducer, Mottohope Carol (VG), with a series of 2X records including 532 fat last year and making over 570 fat this year. Carol's daughter at 2 years made well over 500 fat 4%.

CONNIE's other sisters have achieved one of the breed's highest provings on 40 pairs for PABST SIGNAL – they average (2X-305d-ME) 13,749 milk, 3.79%, 521 fat – an increase across the board over their high producing dams. These daughters are in thirty herds in twelve states.

By every rule of breeding, CONNIE promises a great future. Think what her calf by HONEYMAN will be worth!

Whirlwind Hill Farm

WALLINGFORD, CONN.

DEAN RICKARD, Operator **JAMES M. OSBORN, Owner**

★ The Correction Herd ★

Elm-Oyd Prilly Skylark 2829042, the dam of our new herd sire, Elm-Oyd Burke Skylark, 1231048, produced – 13,758 M. and 510 F. testing 3.7% on 2X milking in 353 days.

HIR and DHIA Testing
Cows, Bulls and Heifers for Sale

Farm located at South 68th and Highway 100, Milwaukee County

MILWAUKEE COUNTY HOUSE OF CORRECTION

8885 South 68th St., Milwaukee 14, Wisconsin

JOS. B. DREWNIAK, Supt. **I. BENSON, Farm Supt.**

ed a young son of Maple Lane Pabst Roamer out of Elkhart Inka (VG) with 91,000 milk and a high record of 18,711 milk and 701.2 fat at seven years on 2X. A maternal sister to Mr. Faas' calf in the Lakeside herd is doing very well on test and scored 84 as a two year old; this is the sixth calf Mr. Faas has purchased from Lakeside.

Mr. Howard L. Wills, also of Plymouth, purchased a paternal brother to the Faas calf out of Elkhart Burke Ona (GP) a granddaughter of Burke now doing right well on test. Mr. Edward Kautzer of Keil, Wisconsin bought his second Lakeside bull when he took a son of Plain View Ovation, daughter of Wis Leader classified VG as a two year old and one of the most highly regarded members of the herd.

FULL INTEREST IN CRICKET'S SON

DeVere R. Weight, Herd Manager for the Utah Industrial School, Ogden Utah reports that the School has recently purchased the remaining interest in Weber Burke Cricket's son, Weber Dictator Burke. This bull was formerly owned with John Holser, Troy, N. Y.

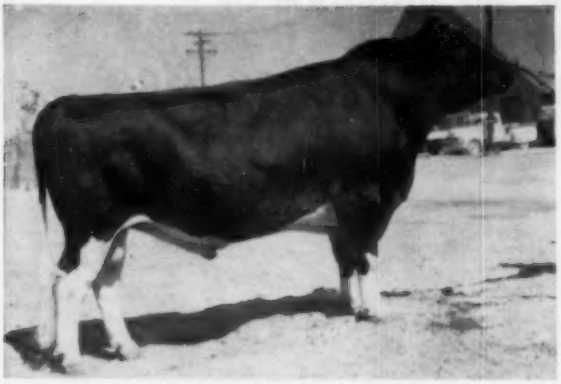
Weber Dictator Burke is a 4-yr-old son of Maytag Ormsby Fobes Dictator (Ex-GM), the double grandson of Sir Ormsby Fobes Dictator, and a son of the great Dictator Fobes Pontiac Lass (Ex), a member of the All-American Produce in 1948.

Dictator Burke's dam, Cricket, the Excellent inbred daughter of Wisconsin Admiral Burke Lad, is famous for her son at Pabst Farms. This bull, Weber Hazelwood Burke Raven 1954 Reserve All-American Get of Sire and also the sire of the Junior Champion female at Waterloo this year and the All-American Bull Calf.

Weber Dictator Burke, Very Good at 3 years, was 1st aged bull, senior and grand champion at last year's Utah State Fair and the Plain City Dairy Show.. Mr. Weight reports that arrangements have been made so that Dictator Burke semen will be available for selected matings outside the Utah State School herd.

Government leaders and groups such as the Department of Agriculture, U. S. Public Health Service, Office of Education and many others are allied with the dairy industry to promote milk and dairy foods in the American diet. They cooperate in research and education projects with the National Dairy Council.

Dictator Burke Semen Available



WEBER DICTATOR BURKE 1204163
The Utah State Industrial School now owns full interest in this outstanding young herd sire.

Weber Dictator Burke (VG at 3 yrs.)

Now Owned Completely By Us

We have just recently completed the purchase of full interest in Weber Dictator Burke, so now we are in position to make his semen available for your use. Study his picture and then study his pedigree. Look at his dam and her accomplishments—look at his sire and the job he has done for the Newmans in Indiana—Pabst Farms is relying heavily on his maternal brother who is Excellent and Gold Medal. After careful study we are sure you'll agree that Weber Dictator Burke is a bull to use in your program. Write today for details.

His Dam

WEBER BURKE CRICKET (EX)
A great inbred daughter of Wisconsin Admiral Burke Lad and the dam of the Raven bull at Pabst Farms. She has demonstrated her ability to transmit through her offspring.

His Sire

MAYTAG ORMSBY FOBES DICTATOR
Excellent-Gold Medal
Sire of the 2nd prize Get at the International Dairy Show in 1954 and this Get was nominated for All-American. His dam, Excellent and a member of an All-American Produce—is one of the greatest brood cows of the breed.

His Maternal Brother

WEBER HAZELWOOD BURKE RAVEN
Excellent-Gold Medal
One of the senior herd sires at Pabst Farms and the sire of the 1954 Reserve All-American Get of Sire and the All-American Bull Calf. Sire of 3 Excellent daughters, he is a son of Weber Burke Cricket and a maternal brother to Weber Dictator Burke.

PEDIGREE OF WEBER DICTATOR BURKE

MAYTAG ORMSBY FOBES DICTATOR 943293
Excellent
Gold Medal Sire
Official proving:

29 dtrs. ave.	13495	3.77	508
29 dams ave.	14856	3.53	524

DHIA figures
113 daughters in 30 herds ave.
12922 M 3.9% 502 F at 2y0m
These 113 records, all 2X, include 60 from 500 to 825 lbs. fat with 5 over 700 lbs. and 25 from 600 to 699 lbs.

WEBER BURKE CRICKET 2104304
(Excellent)

8y7m-365d-2X	15327	3.9	595.0
5y5m-365d-2X	13826	3.8	526.3
4y4m-332d-2X	13200	3.6	481.0
3y3m-348d-2X	14508	4.0	578.5
2y2m-365d-2X	13910	4.0	561.2

Dam of Weber Hazelwood Burke Raven (Ex-GM)

MAYTAG ORMSBY FOBES 784293
Very Good—Gold Medal Sire)
26 A R Daughters
16 from 503 to 837 lbs.
15 H T Daughters
1 with 863 lbs.

DICTATOR FOBES PONTIAC LASS 2537114
(Excellent)
Member All-American Produce 1948

7y-365d-3X	19554	4.1	803.4
7y-305d-3X	18422	4.1	756.1

WISCONSIN ADMIRAL BURKE LAD 697789
(Very Good—Gold Medal)
94 A R Daughters
30 from 805 to 965 lbs.
47 Excellent Offspring
12 Gold Medal Sons
2 All-American Gets
13 100,000-lb. daughters

WEBER BURKE MAY 1909945
(Very Good)

7y2m-186d-2X	9499	3.5	329.6
5y9m-365d-2X	16026	3.4	548.1
4y6m-365d-2X	15260	3.5	533.9
3y8m-276d-2X	10603	3.7	395.1
2y7m-365d-2X	14870	3.5	517.8

One 595-lb. daughter.

SIR ORMSBY FOBES DICTATOR 662443
44 A R Daughters
3 from 803 to 1014 lbs.

MAUDLENE INKA ORMSBY FOBES 1755955
Twice All-American

6y-365d-4X	24950	3.9	960.8

SIR ORMSBY FOBES DICTATOR 6624443
44 A R Daughters
3 from 803 to 1014 lbs.

POSCH ORMSBY FOBES PONTIAC LASS 2081310
Dam All-American Produce 1948

2½y-365d-4X	17104	3.7	632.0

WISCONSIN ADMIRAL BURKE 661323
22 A R Daughters
2 with 825 and 896 lbs.

BELL FARM ROSALIND 978721

5y-365d-4	19759	3.8	749.5

WISCONSIN ADMIRAL BURKE LAD 697789
Very Good—Gold Medal
94 A R Daughters
30 from 805 to 965 lbs.

WEBER PINKY DARKIE 1709484
(Good Plus)

6y11m-323d-2	11959	3.5	417.2

His Sons For Sale — Rich in Burke Inheritance

Utah State Industrial School

DeVERE R. WEIGHT, Herd Manager — **OGDEN, UTAH**
10 Times PBR — **Herd Classification Score, 49 Head, 83 Points** — **19-Year Herd Avg. Over 400 F.**

"Home of the Burkes"

HICKORY CREEK GOMAR (EX)

ATHLONE ADMIRAL GRACE (EX)

THE SIRE AND DAM OF

Hickory Creek Gay Boy

"Gay Boy" was brought into our herd to use on the daughters of our SMP sire, Osborndale Tovarich Champion.

The sire of "Gay Boy," Hickory Creek Gomar, was the top of the Hickory Creek dispersal and highest selling animal of 1954. At the recent Waukesha Dairy Show which is a much stronger show than many county fairs, the junior get of Hickory Creek Gomar was first and was composed of the junior champion bull, junior champion and second prize junior yearling heifer.

The dam of "Gay Boy" is now owned by Lakeside Farms in Wisconsin, she has two records over 900 F., sold for $2525 at 12 years of age.

"GAY BOY" has 13 Excellents in his pedigree

His sons are now arriving from daughters of "Champ." In one of our previous ads we listed the "Champ" daughters—included is the national champion for milk, 305ds. on 3X as a jr. 3-yr-old, her fat records 835 for 356 ds. and 724 for 305 ds. There are five others over 700 F. — and all of these are heifer records.

Write — or come and see the "Gay Boy" calves from daughters of "Champ."

DU PAGE RIVER FARMS

JOLIET —:— ILLINOIS

On Highway 66 — one mile north of Highway 52

Baron is a Bull to Build On

COCHRAN SOVEREIGN BARON

Seeing his milking daughters where he was first used makes us wish we had owned him right from the start.

The "Baron" daughters out of "just cows" are sensational with an emphasis on udders. We were so impressed with his milking daughters that we will continue to use him heavily in our herd.

This 4-year-old son of Sovereign Commander Antonio (VG) is out of Doncrest Rooker Ideal (Ex at 11y). He is thus a maternal brother to the produce of dam pictured here, nominated for All-American in 1953. Both are clasified Excellent. "Ida" was Res. All-American 3-year-old 1951. She sold for $3200 in the Cochran dispersal. Her record: 18421 3.6 656.4. The other is a full sister to "Baron," and she sold for $5050, the top female in the sale. Her son sold for $3000. "Baron's" full brother went for $2200.

Produce of
DONCREST ROOKER IDEAL (EX)
Sovereign Cochran Ida (Ex) on the left and Cochran Sovereign Ideal (Ex)—Baron's full sister—on the right.

BARON'S SISTERS
"Baron" calves are now arriving at Freebaer. Why not stop by and select a "Baron" son from one of our good cows? They will make real herd sires.

FREEBAER FARMS

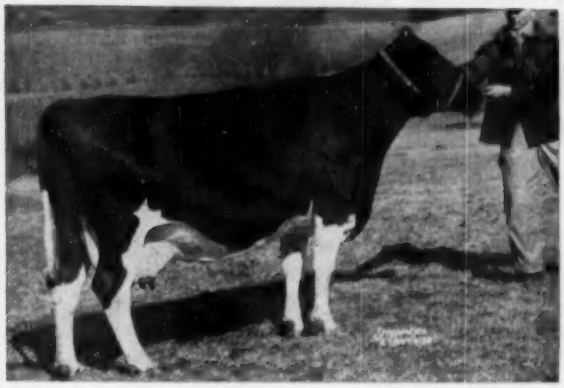
R. D. 4 — FORT PLAIN, N. Y.
Fred Baer, Owner
Bill Lamphere, Herdsman

Winterthur's Thread of Gold - - -

at River Valley and Lyon Brook

With the Winterthur-Prospector Cross

AN ARAB-PROSPECTOR CROSS



HAMARET MARIE ARAB (GP)

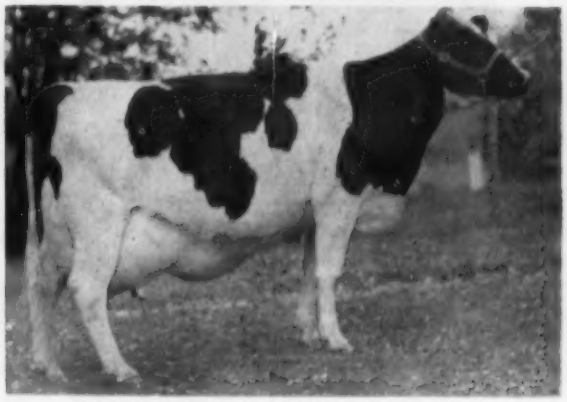
4-11	305	2X	23,304	3.5%	813	AR

National record for milk and New York State record for milk and fat. In 357 days she made 24,874 milk and 870 fat. She is now completing another record over 800 fat. These 2 good records follow a 796-lb. 3-yr-old record and a 488-lb. 2-yr-old record. Marie is a daughter of Winterthur Victor Select Arab (VG) out of a 913-lb. "VG" daughter of Lauxmont Safemaster Prospector. Marie is due soon to Wallie.

Marie's son, Lyon Brook Wallie Arab—born May 7, 1954, is going to be sold June 2nd in the National Convention Sale at Harrisburg, Pa. This outstanding youngster is sired by Lyon Brook Wallie Queen and he is the Winterthur-Prospector cross wrapped up in one package.

The Prospectors and the Arabs are the backbone of our herds. All of our Arab daughters are outstanding but the best seem to be out of Prospector daughters. All of our Arabs (15) average 668 lbs. of fat on 2X. Nine of these are Arabs out of Prospectors and they average 688 lbs. fat. At the end of this year these 9 should average over 700 fat with 2 of them heading for 900-lb. 2X records. Our 15 classified Arabs average 84.3—the 9 Arab-Prospectors average 84.7. **We are firmly convinced that the Winterthur-Prospector cross is a cross to build on. Therefore we are banking heavily on "Wallie," our son of the great "Queen of Queens."**

AN ARAB-PROSPECTOR CROSS



HAMARET DOUBLE A ARAB (Ex.)

2-10	365d	2X	15,150	3.6%	545	
4-0	365d	2X	19,270	3.5%	684	
5-4	175d	2X	14,358	3.8%	543	(Still on Test)

A daughter of Arab out of a Prospector daughter. Double A is also the dam of the 1st prize junior yearling bull at the 1952 New York State Fair. Scoring 91 points in classification, she is one of the greatest bodied cows we have even seen. Now safe in calf to Wallie.

LYON BROOK WALLIE QUEEN

Our son of Hamaret Queen Prospector (Ex—1319 fat)—The Queen of Queens—and he is sired by a Winterthur bull. His sire Winterthur Select Fobes Wallace (VG), a plus proven Silver Medal Production Sire. Wallie exemplifies the Winterthur-Prospector cross.

Another Winterthur Cross

Winterthur Zeus Agni Hope is another senior herd sire at River Valley and Lyon Brook. He has a complete Winterthur pedigree with a touch of Burke as he is a Pabst Winterthur Zeus son out of Thendara Agni Onyx (VG), a daughter of Winterthur Pilot Posch Boast Agni with a good string of 4% records up to 766.8 on 2X. Hope is some more Winterthur for our Winterthur-Prospector cross.

Bull calves carrying the above bloodlines are available at both farms. The semen from our herd sires is also available. Bring the Winterthur-Prospector cross into your herd. Our group mating plan is cheaper than you think. Write for details.

WALLIE'S DAM

→

35,564 Milk and 1319.1 Fat on 2X

HAMARET QUEEN PROSPECTOR (EX.)

RIVER VALLEY FARM — LYON BROOK FARM

MRS. G. LOW & SON — Milford, N. Y.

ARCHIE MEEK — Norwich, N. Y.

100,000-LB. Inheritance

TWO EXCELLENT, 100,000-LB. DAUGHTERS OF "BURKE"

PABST BURKE SYNA (EX)
Lifetime Production: 117,185 Lbs.

They are Dam & Granddam Respectively of Our Herd Sires

PABST FOREWARD

AND

PABST ENCORE

PABST BURKE BARBETTA MODEST (EX)
Lifetime Production: 106,169 Lbs.

PABST FORWARD (VG-SMT), our senior herd sire, is a double grandson of Wisconsin Admiral Burke Lad, by Roamer and from Pabst Burke Syna. **PABST ENCORE**, our junior herd sire, is by Winterthur Posch Ormsby Fobes (GM) and out of the Burke double granddaughter, Pabst Reburke Modest, the Regal daughter of Pabst Burke Barbetta Modest. We have another son of Roamer in service, and previously we have still another Roamer son, and also the full brother to Pabst Regal.

Sons of Both Sires For Sale

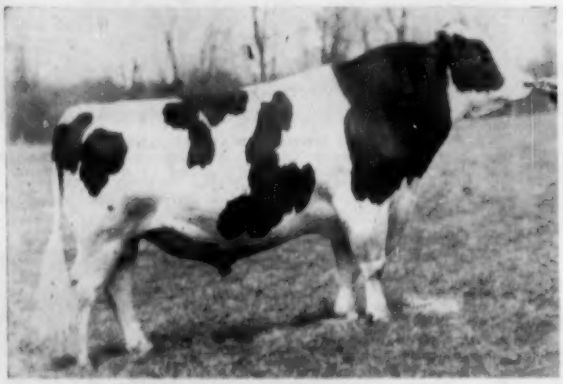
KILLYBRACKEN

WAYNE, ILLINOIS

MRS. C. GROVERMAN ELLIS
Owner

LOUIS KAGEL
Manager

This is the HOME of the "Treasure Models"



FRANLO GEN TREASURE MODEL
Increased production on first six pairs by 3448 lbs. milk, .38% test and 180 lbs. fat. Daughters average 612 lbs.! And a proven sire of All-American type.

We Have "Treasure Model" Sons For Sale

"Treasure Model" is now the service sire of some of the best females in the most famous herds of Canada. Why? Because he has proven that he sires the kind of udders, legs, body capacity and dairy quality that master breeders are seeking for the improvement of their own herds! And because his daughters PRODUCE!

We have over 70 of his daughters, the older ones now on test with second calf, and we continue to use him by artificial insemination, from his present home in Canada. We can offer you a selection of outstanding Treasure Model sons and grandsons from high record female families. Write today for our bull list.

BOTTEMA FARMS

R 2, Bridgeport, Indiana

C. M. Bottema, Jr., Owner

Marks Sheetz, Herdsman

Spitzer Farms

The Fountainhead For Lucinda Blood

Five Granddaughters of "Lucinda" In the Herd

Orchard View Admiral Elsie

4 yrs.	336d	16,233 milk and 598 fat
5 yrs.	365d	19,825 milk and 731 fat

Otco Admiral Confidence

5 yrs.	271d	15,661 milk and 571 fat
6 yrs.	187d	9,100 milk and 360 fat*

(* still in progress)

Otco Admiral Francine

2 yrs.	363d	17,291 milk and 620 fat

Orchard View Pride Admiral

6 yrs.	187d	9,100 milk and 360 fat*

(* still in progress)

Otco Admiral Ember

2 yrs. 365d 18,474 milk and 694 fat

Her full sister just sold for $1250 in the recent Miller Acres Dispersal.

LAUXMONT ADMIRAL LUCINDA (Ex)
HT 15-3 365d 2X 15,500 4.8% 754
A great daughter of a great cow and the cow we are building on. Fresh again at 17 years.

The above cows are all daughters of Helengeorge Master Admiral (GM), the son of Lauxmont Admiral Lucinda now in service at Hickoryvale. Making up an important part of our foundation, we are breeding them to our other linebred Lucinda bulls to concentrate her blood in our herd. **If you want a linebred "Lucinda bred bull" for your next herd sire, write for the Spitzer Farms bull list.**

— *Important Lucinda News in the Making* —

Watch our next ad for sensational news concerning the purchase of one-half interest in the greatest Lucinda bred bull.

Spitzer Farms — Strongsville, Ohio

SIDNEY SPITZER, Mgr. **FRANK BORDNER, Herdsman**

Certified — Accredited — Vaccinated

Our 3 Excellent "Burke" Sires

And One Is NOW Gold Medal!

PABST ROBURKE BELMONT
Excellent — Gold Medal.

PABST ROBURKE BELMONT

Excellent — Gold Medal

This outstanding sire, by the Gold Medal Pabst Roamer, is announced as a new Gold Medal Sire in the A R Report of this issue. He already had his Silver Medal Type rating—his first 15 daughters (all that were eligible at the time) averaging 82.7 points.

His new HIR proving on 11 pairs shows daughters averaging 13205 lbs. milk, 3.6%, 475 lbs. fat, an increase of 51 lbs. of fat over their dams, and 8 pounds of fat more than needed to meet Gold Medal requirements.

This sire is owned jointly with John Wolf of Alexandria, Ky. We are now milking 11 of his daughters, and they are beauties! Big, square-rumped, with beautiful udders. And they are milking over 50 lbs. a day on 2X with first calf. We have over 50 of them altogether—and some promising young sons for sale.

WIS WHIRLWIND
Excellent.

Our Other Sires:

WIS WHIRLWIND

Excellent

WIS WHIRLWIND (Excellent) is our son of Wis Ideal from the 946-lb. Wis Venus, show cow and brood cow. He was the sire of Ideal Burke Elsie Leader, the top Honorable Mention All-American Aged Bull this year. We have 8 of his daughters milking in the herd, and others due now. The application is in for his Silver Medal Type rating—and we confidently predict a great future for him. We have his sons available, too.

PABST BURKE DICTATOR
Excellent.

PABST BURKE DICTATOR

Excellent

PABST BURKE DICTATOR (Excellent) is our own son of Wisconsin Admiral Burke Lad (VG-Gold Medal), from Pabst Jessie Burke Fobes (VG) with 802 lbs. fat as a 4-year-old. We have nearly 60 of his daughters in milk, a beautiful group of dairy cows, straight in the legs, deep bodied, sharp at the shoulder, and carrying well-shaped, good-wearing udders. We also have 9 daughters of his Honorable Mention All-American son, San Mar Gale Burke Commander.

SONS OF ALL THREE SIRES FOR SALE

SAN MAR GALE FARMS

- RALPH STOLLE *Owner*
- JACK HOLTZAPPLE *Manager*

- LEBANON, OHIO Phone 242

Herd Sires at Lake Aylmer...

BROWNS MASTER BELLBOY (XXX)
Bellboy, our senior herd sire, is a son of Montvic Rag Apple Master (XXX) out of Browns Mistress Abbekerk (VG)—first 4 records average 683 fat with over a 4% test—Honor List Producer and 3 times winner at Quebec—full sister to Browns Mistress Belldina, a Reserve All-American. Bellboy, a grand champion winner, is bred for high production and longevity. We have great faith in his future.

CARNATION NORTHMAN (XX)
Res. All-Canadian 2-Yr-Old — 1954
Res. All-Canadian 2-Yr-Old Bull, 1954
Northman is solid Hazelwood breeding on his sire's side and he is from one of Carnation's greatest cow families. His sire, Hallrose Hazel Pride (Ex), was Hon. Mention All-American Aged Bull—1953 and his dam, Carnation Maybess Inka Nellie (VG—828 fat), was 1st prize 4-yr-old and Reserve Grand Champion at the 1949 Pacific International. She is by Carnation Renown and out of a Governor daughter.

Sons of two Excellent cows available: Orchard Grove Supreme Pabst, twice Hon. Ment. All-Canadian with 521 F. 305ds.; and Lily Rag Apple Segis, with 640 and 654 lbs. F. Grand at Lachute, 1950—dam of 1st produce in 1951.

LAKE AYLMER FARM — DISRAELI, QUE.

W. K. MAC LEOD, Owner **PIERRE GIGNAC, Manager**

RUSTIC HERD

offers

A GREAT HERD SIRE PROSPECT

by

RUSTIC CLYDE HILL FAVORITE

Rustic Clyde Hill Favorite (pictured) was Grand Champion at the Livingston Co. Black & White Show, 1952. His maternal sister was first prize 4-year-old and Gr. Champion at the 1954 Livingston show. His sire: Clyde Hill King Fobes Rock (VG), high proven sire whose first 10 daughters average 16466 milk, 3.54%, 585 fat (305-ME-HIR).

His dam: Rustic Korndyke Cox (GP) has 153,000 lbs. milk (SA) with a high of 598 lbs. fat at 5 years. She has four daughters with 505, 528, 672 and 660 lbs. fat.

This young sire was born May 18, 1954. He is light in color, a large, growthy, straight young bull.

RUSTIC HERD

GEORGE & ROSS ROBB — FOWLERVILLE, MICH.

Herd Average: 523 Fat Classification: 82.2

BUDD FARM LAUXMONT MASTER

Master, owned with Jack Budd, is now in service at Greenwood Farm. His dam, the great Erindale Lady Lauxmont, has five records that average over 1000 lbs. fat. She is again on test at 12 years and in the first 105 days she has 469 lbs. of fat and is still making 100 lbs. fat a day on 3 quarters. She's quite a cow.

Master was the result of our search to find a bull for the Greenwood herd. We are looking forward to his calves which will start to arrive next summer.

Stop and visit Greenwood and Master at Convention time. Maybe you will find your next herd sire here.

GREENWOOD FARM

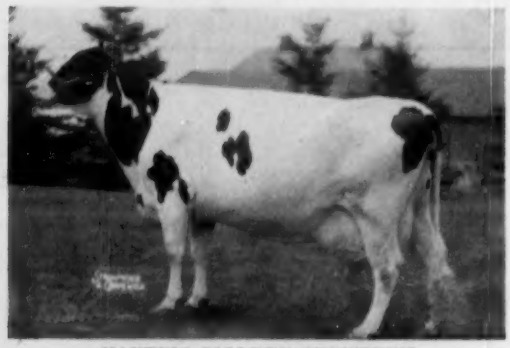
J. O. CANBY
Langhorne, Penna.

Forsgate Farms

The Best of the Montvics Run

MONTVIC R A EMPEROR JOHANNA
Excellent — Silver Medal Production. He has 24 daughters and one son selling.

HIS FULL SISTER



MONTVIC COLLEEN ABBEKERK

10y	3X	365d	26597	4.4	1178

She is dam also of two other sons that sold at public auction for $40,000 and $10,100.

A DAUGHTER SELLING

FORSGATE MONTVIC ONA PRIDE VEEMAN (VG)
Records of 638, 596, 494 lbs., and again on test at 6y with 319 lbs. in 83d. She also has one AR daughter selling with 712 lbs. at 3½y.

Through The Former Herd Sire

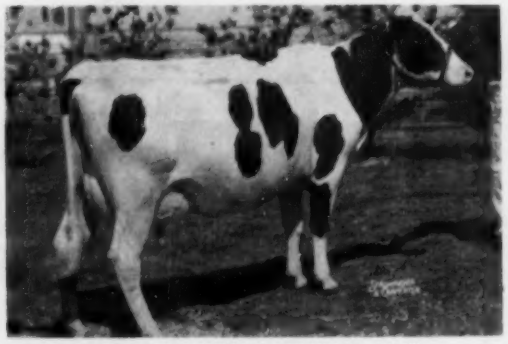
MONTVIC R A EMPEROR JOHANNA

And His Homebred Son

FORSGATE MONTVIC KING PABST

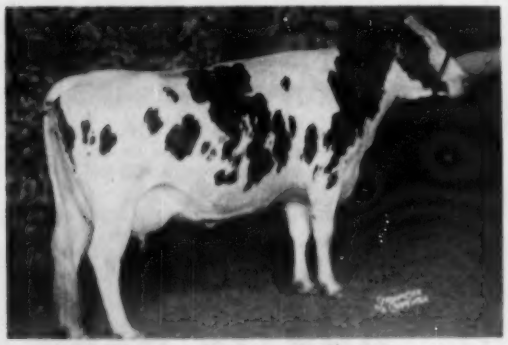
This Excellent, Silver Medal Production Sire, has 28 A R Daughters up to 827 lbs. fat, and 13 R O M daughters in Canada up to 970 lbs. on 2X. He was a full brother to Montvic Colleen Abbekerk, and an 87½% brother to Montvic Rag Apple Sovereign. His dam, Montvic Bonheur Colleen, was by Montvic Pathfinder and from Montvic Rag Apple Abbekerk, she from Oakhurst Colantha Abbekerk. His dam carries 87½% the same blood as the dam of Montvic Lochinvar. He has made a significant contribution to the FORSGATE herd, through his daughters, and most particularly through his son described on the following page.

MATERNAL SISTER TO "KING PABST"



FORSGATE PIEBE JESSIE ISABEL
(Not Selling). Her maternal brother, described on the following page, has done a wonderful job at FORSGATE. She made 747 as a 4-year-old.

A DAUGHTER SELLING



FORSGATE MONTVIC FORECASTER (GP)
Born June, 1947. Best record 827 lbs. fat, 4.7% at 3½y. Fresh in November and has 291 lbs. in first 69d. Bred again to Browns Master Antony.

Complete Dispersal 300 Head — June 3-4 — Jamesburg, N. J.

Forsgate Farms

Through Half The Herd----

HIS SON, FORSGATE MONTVIC KING PABST, DID THE JOB!

This son of Montvic R A Emperor Johanna has 22 outstanding daughters in the sale, five of which are pictured on this page. Note also his maternal sister pictured on the preceding page.

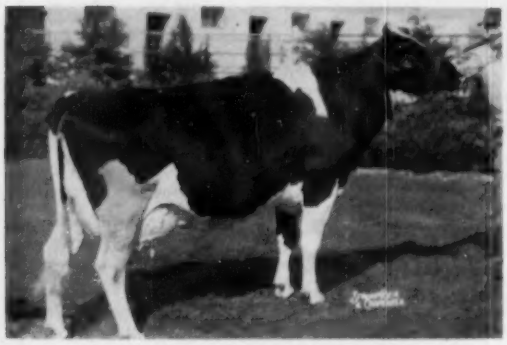
He sired the 1st prize junior get at Maryland, 1952. His 8 A R Daughters include two with 797 and 745 lbs. at 2y.

His VG dam, Forsgate Pabst Isabel, with 751 lbs. (2nd in N. J. when made), has a 785-lb. maternal sister that is a New Jersey state champion. The next dam is a 788-lb. dam of three 700-lb. fat daughters.

You will like the "King Pabst" daughters!

FORSGATE KING PABST LILLIAN (GP)
Born September 1949. A winning senior yearling in 1951. 573 fat at 26m, 537 at 3y. Fresh last June at 4y with 419 lbs. in 239d to date. Her daughter by "Antony" also selling.

These 5 Daughters Sell



FORSGATE KING PABST JESSIE IDA (VG)
Born September 1949. 1st 3-year-old and member 1st produce N. J. B & W Show, 1951. Member 1st prize 3 Best Females Eastern States, 1953. 622 at 2y, 620 at 3½y, now on test at 4½y with 522 fat in 184d! Her July sons selling also.

FORSGATE HIGHLAND LASSIE (VG)
Born November 1950. Fresh May 8, 1954 with 497 lbs., 4.4% at 3½y in first 266d. Made 503 at 28m. 1st senior yearling and member of 1st junior get at Maryland, 1952, and 1st 2-year-old and member of 1st Three Best Females, Eastern States, 1953. Her Excellent dam and two maternal sisters also sell.

FORSGATE KING PABST SEGIS LADY (GP)
Born October 1949. 745 at 2½y, 658 at 4y. On test at 5y, fresh January 2. Two daughters also selling.

FORSGATE KING PABST PRILLY
(No longer in the herd). We picture her here to show you another of the daughters of this sire—and the dairy quality and good udders he sires.

Sale Managed by HAYS FARMS LIMITED, Box 470, Oakville, Ontario

CARNATION REVELATION PONTIAC "V. G."

2-6	3X	365d	M 18925	F 688.9	3.6%
3-9	3X	320d	M 18,153	F 681.6	3.8%
4-9	3X	365d	M 15,144	F. 582.0	3.8%
6-2	3X	365d	M 22,982	F 901.1	3.9%

★ Her Grandson For Sale ★

Carnation Revelation Pontiac, pictured above, is the result of generations of constructive breeding in a good cow family. She represents the fifth generation from Carnation Inka Pontiac an All-American daughter of Sir Inka May with a record of 839 lbs. butterfat. Her granddam with an 833 lb. 10-year-old record classified "Excellent" at 14 years of age. All her ancestors for generations have been outstanding.

Because her family have demonstrated such remarkable ability to breed on generation after generation we can recommend her grandson to the man who must have a good bull at a moderate price.

This bull, CARNATION VICTOR CHIEF, EAR TAG B-168, born June 14, 1954 is sired by Carnation Flashy Chief. His dam, Carnation Lassie Pontiac Pam is sired by Res. All-American Carnation Ensign and out of Carnation Revelation Pontiac. She classified "Good Plus" as a two-year-old with a numerical score of 84 and is making a very good two-year-old heifer record.

Write or wire for complete information.

Carnation Milk Farms

Address:
CARNATION MILK FARMS
Dept. 179, 1060 Stuart Building
Seattle 1, Washington

★ *The Newspaper of the Breed*

Holstein-Friesian World

Vol. 52 — No. 8

April 16, 1955

Annual Report of Executive Secretary

The First of Three Departmental Reports Covering the Work of the Holstein-Friesian Association of America in 1954. This Report Covers Primarily the Registry Department.

REGISTRATIONS & TRANSFERS

The year 1954 marked the highest number of registrations in the history of the Association—195,963—or 4,325 more than the previous all-time high of 1951. There was an increase of 6,401 over the total of 189,562 animals registered during 1953. Likewise it represented 51.13% of the 383,300 combined registrations completed by the five dairy breed associations.

Holstein breeders may well be proud of this enviable position of leadership which their breed has achieved. Any position of leadership must be deserved and thus Holstein breeders are faced with a challenge in the dairy industry never before experienced. Registration of worthy individuals is in itself not sufficient; participation in Association breed improvement programs, which inevitably develop better dairy cattle, sound extension and promotion programs, along with an understanding of progressive trends and ideas to meet the needs of the industry must necessarily follow. As the major source of Association income stems from registrations and transfers, we cannot lose sight of the economic importance of this phase of our work.

Bull registrations reached a new low of 12% of the total registrations, 23,539 having been registered as compared with 25,752 or 13.6% of the total for the previous year. This downward trend is not surprising in view of the continued increase in artificial insemination, for it has been continuous since 1943 when 28,634 bulls were registered, representing 25.8% of the total registrations for that year. Despite this situation in bull registrations, there is gratification in the fact that our female registrations have

ROBERT H. RUMLER
Executive Secretary.

mounted steadily from 155,009 in 1951 to 172,424 this year. We need to be certain that the smaller number of bulls being recorded represents the best of our breed to guarantee continued advancement of the breed.

As was the case in 1953, six states registered more than 10,000 animals each, retaining their same relative position, as shown below:

	Registration	Transfer
New York	36,759	22,295
Pennsylvania	24,702	13,654
Wisconsin	24,622	12,679
Ohio	17,225	11,470
Michigan	12,553	8,236
Illinois	10,375	6,200

Little change was reflected this year, percentage wise, in the relative registry activity between Association members and non-members. (80.6% to 19.4%)

While registrations have increased consistently during the past few years, the situation has been the reverse with transfers. This year 11,982 transfers were recorded, or 825 less than the 112,807 issued in 1953. It also represents a decrease of 10,827 from the all-time high of 1951 when 122,809 were recorded. It is interesting to note that of the bulls registered this year 82% were transferred compared to 82.6% in 1953 and 79.4% in 1952, thus indicating that the per cent of bull transfers to bull registrations has remained somewhat static over the years and that the real loss in transfers results from the reduction in total bulls recorded. Total females transferred has been about the same for the past four years at slightly over 92,000. Of all transfers issued this year, 82.8% were for females and 17.2% were for males. Last year 81.1% were for females and 18.9% were for males.

Six states transferred more than 5,000 animals this year, keeping the same relative position as last year, and the same relative position with respect to the number of registrations. They are shown in the preceding table.

Association members filed 88,337 transfers and non-members were responsible for 17,055. The remaining 6,590 transfers represented change of name transfers issued to members of the Association where no actual sale occurred.

At the Annual Convention of the Association held in Grand Rapids the delegates voted unanimously to strengthen the By-Laws pertaining to transfers, as a protection to both seller and buyer. The present By-Law provides that the seller shall file the transfer and pay the fee therefor within 30 days after the date of sale, but the penalty fee still applies if the application is not received by the Association within 90 days of the sale date. It is regrettable that 12,421 transfers or 14.1% submitted by Associa-

tion members were not received within the three months' period. Likewise 3,412 or 20% of the transfers furnished by non-members arrived after the expiration of the three months' period. Not only are those individuals required to pay higher fees, but of equal importance is the fact that they fail to furnish their customers with certificates promptly. Early filing of transfers alleviates dissatisfaction from buyers who complain about the dilatory tactics of the seller. In addition, it is necessary for the owner to have the certificate available for identification purposes when a cow is bred artificially, tested or classified. In addition to these matters it is good business to have the certification of registry in the hands of the new owner as promptly as possible, therefore, it is hoped that all Holstein breeders will exert every effort to adhere more strictly to the By-Law requirements in this respect.

Many Association members failed to benefit from the 50 cent reduction on transfer fees allowed to those who also hold membership in their state Holstein associations. 10,933 female transfers and 1,535 male transfers were issued in this group, representing an added cost to members of $6,234, but more importantly a loss of their support to their state association.

We must never lose sight of the fact that errors are costly—both to the breeder and the Association. Annoyance to the breeder when receiving back incorrect application certainly goes without saying! Periodically each year, a survey is made of incorrect applications as a means of determining what might be done to remedy this situation. This year's survey showed that 17.7% of the total registry applications processed and 14.2% of the total transfer applications processed necessarily were returned to the applicant for one reason or another, but usually for the same reasons as the previous year. Major causes for return of applications are insufficient fees, color marking discrepancies, incomplete service records and incomplete or wrong signatures. It is apparent in many instances that a better record of the herd and breeding operations would have avoided many of these errors. Maintenance of an up-to-date, complete herd register is a requirement for the registration of animals in our Herd-Book.

Through the cooperation of breeders and employees alike it was possible during the year to process all applications within 30 days of their receipt. This year the peak load occurred in May when the maximum 30 days were needed to process applications. The shortest time needed was in November and December when at time during those months applications were processed within 11 days of their receipt.

It was a genuine source of satisfaction to the employees that a slight increase in efficiency was achieved in the handling of applications this year. 91.5 certificates per clerk per week were issued this year compared to 90.4 in 1953. That is a noticeable increase over 1949 when the rate was 70.4 certificates per clerk per week.

Selective Registration of Bulls

The completion of the second year of this program, wherein recognition is given to the production and classification records in the pedigree of a potential herd sire, furnishes a better criterion with which to evaluate the interest in this subject on the part of our breeders. Selective Registration ratings for bulls are divided in two groups—Selected Pedigree and Preferred Pedigree. In each case certain production and classification requirements must be met, but the requirements are more stringent for Preferred Pedigree Bull ratings.

This year 3,531 bulls were automatically rated as Selected Pedigree Bulls, or 17.7% of all bulls registered. That is an appreciable gain over 1953 when 1,401 bulls were so rated, or 15.4%. This year 6 bulls were rated Selected Pedigree Bulls upon application and payment of the $2-fee by the owners as against none in 1953; 169 bulls qualified as Preferred Pedigree Bulls by application of the owners against 82 for the previous year.

Bulls born prior to January 1, 1953 can be rated only upon application by the owner and payment of the fee. A larger number of these bulls were picked up by their owners during the first year, naturally, so that the 1954 figures would be expected to decrease. This year 14 bulls born before January 1, 1953 were rated Selected Pedigree Bulls while 47 were rated Preferred Pedigree Bulls. A grand total of 3,767 bulls were rated under this program during 1954, an increase of 2,056 over the previous year.

Artificial Insemination

Artificial insemination continued its remarkable growth throughout the year. It would seem from 1954 figures, that the end of the upward trend is not yet in sight. Of the 195,963 animals registered in 1954, 77,421 or 39.51% were the result of artificial insemination. That represents an increase over last year when it was 36.44%; 31.6% in 1952, 23.3% in 1950, and 12.9% in 1947.

Major changes in the rules governing the artificial insemination of purebred dairy cattle, recommended by the Purebred Dairy Cattle Association, were adopted by our Association at the beginning of last year.

Rules for Frozen Semen

Progress in any business presents new problems and creates changes in operating procedure. Ours is no exception. Research and experimentation brought forth the use of frozen semen this year on a greater commercial basis than has heretofore been seen. As a protection to bull studs, vendors of such frozen semen, purchasers and the breed record associations, it became necessary this year to amend the PDCA rules governing artificial insemination. Briefly, the added rules provide that breeding receipts shall be marked to show that frozen semen was used; Semen Producing Businesses must keep an inventory of the frozen semen on hand; upon disposition of a bull, Semen Producing Businesses must report to the breed office the number of ampules of frozen semen on hand; and Semen Producing Businesses freezing semen from sires outside their studs must report monthly the number of ampules frozen. It is anticipated that more detailed rules and regulations will be needed in the near future, but for this year the aforementioned regulations have covered the situation satisfactorily.

The use of fresh semen for artificial breeding has added much to the complexity of checking registry applications; the use of frozen semen may well add more detailed work in this respect. This is obvious from the fact that registry applications in this group contain information supplied by different sources—the breeder, the

REGISTRATIONS RESULTING FROM ARTIFICIAL INSEMINATION

January 1, 1954 to December 31, 1954

	MALES (23,539)		FEMALES (172,424)		TOTAL (195,963)	
Type of Inseminations	Number	%	Number	%	Number	%
Within-the-Herd	1,336	5.68	3,832	2.22	5,168	2.64
Between Herds	622	2.64	1,534	.89	2,156	1.10
Bull Studs	6,781	28.81	62,154	36.05	68,935	35.18
Canadian	31	.13	1,131	.66	1,162	.59
Total	8,770	37.26	68,651	39.82	77,421	39.51

original owner, the bull stud or the owner of the sire, and with frozen semen perhaps still another source, all of which must be checked carefully and thoroughly if the accuracy of our records is to be maintained and serve the use for which they are intended.

Preliminary estimates from the National Association of Artificial Breeders show that artificial breeding has grown from about 7,000 cows in less than 700 herds artificially inseminated in 1938 to over 5,000,000 cows in over 600,000 herds throughout the United States in 1954. These figures, of course, cover both grade and purebred cattle but also show the continued growth of artificial insemination. One of the larger bull studs in the East reports that in December of this year they reached their 2,000,000th first service.

There were 85 Semen Producing Businesses under contract with the Purebred Dairy Cattle Association this year, employing more than 5,000 technicians all of which reflects the magnitude of this aspect of the dairy cattle business.

Blood Typing

A year ago we reported the discontinuance of the Western blood typing laboratory at the University of California. As a result, we started this year with all cellular antigen work being done by the laboratory at the Ohio State University. Unfortunately, at the close of this year it was found that the Ohio laboratory also would be unable to continue with this work, which means that temporarily during the early part of 1955 most blood typing activity will be suspended. Efforts have been underway to locate another laboratory which will be able to handle our blood typing work. It is not anticipated that too serious a situation will develop by temporary lack of laboratory facilities.

This year 225 bulls were typed for permanent record for later use in parentage cases. A total of 12 cows were typed for permanent record and 334 animals were typed in connection with parentage cases. Since the blood typing program started in 1941, a total of 3,305 bulls have been typed.

Better than 80% of the parentage cases were solved through the blood type test, the others being indeterminable chiefly because the blood of the calf carried only those antigens found in the blood of the dam. Parentage identification by means of the blood type test is a process of exclusion; consequently there are bound to be some cases that cannot be solved which in turn precludes the registry of the offspring.

Registry of purebred animals is based upon the integrity of the owner and the accuracy of the information he supplies on the registry application. As new breeding techniques are developed and registration procedures become more complex, we are indeed fortunate that through blood typing it is possible in many cases to solve questionable parentage cases. The importance of this work was further recognized by the courts in Canada this year where the parentage blood test was submitted as evidence on charges preferred under the Livestock Pedigree Act in that country. The acceptance of such evidence by the Canadian courts marked a forward step in maintaining the reliability of Canadian livestock records. The decision of the Canadian courts might well establish a precedence for the courts of this country should the occasion become necessary.

Exports and Imports

Increased activity in export shipment of our cattle was reflected again this year when 968 animals—284 males and 684 females—were transferred to foreign buyers. That represents a gain of 116, or 14% over the preceding year when 852 were exported. Previously 553 were transferred in 1952; 457 in 1951 and 545 in 1950. Colombia topped the list with 364 and Venezuela come second with 94. Argentina and Mexico each received 89 and Brazil 62. Actual transfer of animals to South American countries is concrete proof of their interest in obtaining good cattle from us, but this fact is further substantiated in other phases of our work as will be noted in different sections of this report. We should always remember the two-fold purpose in our South American exports—a profitable market for good animals and the development of better international relations with those countries. Careful selection of export cattle, along with sound advice to prospective South American buyers will do much in creating friendly relations between our countries, the need for which is known to each of us.

A total of 84 animals were transferred to Canadian purchasers, while 7,864 animals shipped into this country from Canada were re-registered in our Herd Book. Last year, 1953, 6,186 such registrations were completed.

Figures from the Canadian Association show that 14,156 head were transferred to buyers in 36 states, a decrease of 18% from last year when 17,346 animals were transferred to American purchasers. While a direct comparison of Canadian transfers to this country and the re-registration of such cattle in our Herd-Books is impossible, the current figures show that only 55.6% of the registered animals purchased from Canada are re-registered with this Association. That is a marked improvement over the previous year when only about 35.7% of imported Canadian animals were reregistered in our Herd-Book. Canadian-registered animals are imported into our country duty-free with the understanding that they will be used for breeding purposes. In the eyes of the Customs officials, failure to re-register these animals in our Herd-Book is an indication of improper entry and subjects the importer to the payment of duty on these animals.

Herd-Books

Three volumes of the Herd-Book were published and distributed this year—Volumes 129, 130 and 131. That represents a total of 130,000 registrations, 18,500 males and 111,500 females. With the completion of Volume 131, the registrations of 1,212,500 males and 3,714,900 females recorded in our Herd-Books became a matter of public record, which has been continuous since 1885.

The cost of Herd-Book publication per volume has varied little during the last three years. Total actual cost for the publication of Herd-Books in these three years was as follows: $22,046.90 in 1952; $21,872.73 in 1953 and $16,337.99 this year. The reduced figure for this year is accounted for by the fact that three volumes were completed rather than four as in each of the preceding years. Total income from sales of the Herd-Book in 1954 was $4,372 compared with $5,374 the preceding year and $5,632 in 1952.

Membership

Another all-time high was scored by the Association this year with 45,446 members as of the close of the year. That is an increase of 907 over the preceding year and a gain of 1,699 over 1952. While we may be justly proud of the over-all membership total for the year, yet only 1,550 new members were admitted this year as against 1,659 in 1953 and 1,873 in 1952—a gradual downward trend. A decrease from the high figure of 1952 may not be surprising. On the other hand, with the continued increased activity in other Association programs, it doesn't seem logical that this situation should continue indefinitely. Every effort should be made

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Leptospirosis

A New Threat To U. S. Livestock

By E. V. MORSE

Leptospirosis is a serious disease of cattle, swine, horses, sheep and man which is caused by microscopic bacterial-like organisms called leptospira. These microorganisms are long, about 3 to 5 times the length of the Bang's bacterium, but are so thin and have so little mass that they cannot be seen except with a special type of microscope called a darkfield. Since the leptospira cannot be viewed with ordinary microscopes and since they cannot be cultivated on common laboratory bacteriological media, they are not recognized in diseased tissues or excreta and a diagnosis is not made unless the special examinations are conducted to ascertain their presence.

The disease is initially characterized by an acute generalized type of infection, e.g., disseminated by the blood to all organs at the time of fever. The manifestations of leptospirosis are high temperature or fever, jaundice, loss of appetite, abortion, decreased milk production, loss of weight, thick yellow or bloody milk, bloody urine, and occasionally death. Although there are over 20 types or species of leptospira, one type is now of prime economic importance to dairymen and livestockmen of the United States. It is **Leptospira pomona.** Two other types, also present in Wisconsin and which may produce disease in farm stock, are **Leptospira icterohemorrhagiae** (the rat type) and **Leptospira canicola** (the dog type). Two other species, **Leptospira grippotyphosa** and **Leptospira sejroe,** produce severe illness in cattle. They have not been found as yet in our state.

Leptospira localize in the kidney tissue and are voided in the urine of infected and recovered carriers for long periods of time. Therefore, chronic inapparent infections are common following the acute or febrile stage of the disease. The leptospira contained in urine will produce disease in normal animals following inhalation, ingestion, or contact with the mucus membranes of the vagina or eye. Leptospira are capable of entering the body through wounds and the intact skin.

General Situation

The cattle and swine leptospiral disease (**L. pomona** infection) is worldwide in distribution. It was first recognized years ago in central Europe as the cause of disease of swine. Since man contracted the infection from hogs, it earned the name swineherds' disease. The same agent, **L. pomona,** was identified as the causative agent of leptospirosis in cattle and man on the Australian continent during the late thirties.

Leptospirosis was recognized in the United States about 1940. The microorganism produced an atypical mastitis in New Jersey dairy cattle. Surveys indicate that 10 to 20 percent of the cattle in the United States have at some time had either clinical or asymptomatic leptospirosis. The incidence of infection (morbidity rate) among individual cows in an infected herd varies from 10 to 90 percent. The mortality rate among adult and young stock ranges from 5 to 15 percent. The malady is now present in 40 states.

During 1949 Wisconsin experienced leptospirosis outbreaks in dairy cattle which were diagnosed by members of the University of Wisconsin, Department of Veterinary Science, staff. In 1953, **Leptospira pomona** was isolated from two herds in the Oshkosh area and from two herds in the southern part of Wisconsin. This work enabled positive identification of the infecting agent as **L. pomona.** Since June 1952 approximately 100 outbreaks in cattle, and 10 in swine have been reported in Wisconsin. Abortions due to leptospirosis appear to be most frequent during the seventh month of pregnancy. A similar situation exists with respect to Bang's disease or bovine brucellosis. On this basis alone the two diseases resemble each other and may be mistaken for one another. It is very probable that many outbreaks of leptospirosis remain hidden because of this confusion. There are probably many more cases of bovine leptospirosis than our state reports would indicate because of this similarity.

Economics of Leptospirosis

The disease causes losses due to abortion, drop in milk production, decreased carcass value and death. Estimates of the loss in a single herd range from $1500 to $3000. This toll does not take into consideration the losses incurred due to retained fetal membranes which may result in temporary and permanent sterility following abortion. In the last year it has been estimated that leptospirosis has cost Wisconsin at least $1,000,000 and this is probably a very conservative approximation!

Human Health Significance

The cattle or swine type of leptospira, **L. pomona,** has been incriminated as the agent of human leptospirosis in Europe, Australia and New Zealand. Sporadic human infections have been reported in the United States. To date, **L. pomona** infections in man have not been recognized in Wisconsin. Recently, however, the dog type (**L. canicola**) and the rat type **Licteroictero hemorrhagiae**) have been responsible for two known leptospiral man.

The Need for and Gaps in Knowledge And Methods

Only by concerted research efforts can we gain the answers to many of the perplexing problems which leptospirosis presents. It is by such investigations and evaluation of their results that we will gain the required "know how" to effectively detect, control, treat and eventually eradicate leptospirosis. The fields in which our knowledge is most defective are:

A. **Diagnosis** — Like brucellosis or Bang's disease, leptospirosis can be diagnosed by the presence of agglutinins or other antibodies present in the blood of ill or recently recovered animals. However, we do not know these pertinent facts regarding their presence:

1. How long the antibody titer persists after the animal is "clean" or free from infection.

2. Which of presently proposed serological or blood tests for the detection of leptospiral antibodies is most useful and accurate for the diagnosis of leptospirosis in animals and man.

3. Can a more rapid, inexpensive and more easily performed laboratory test be developed? Our present tests are tedious, time consuming and require highly trained personnel to conduct them. Development of a test for use in the less specialized laboratories would be a great boon to the diagnosis and control of leptospirosis.

4. Which of the known bacteriological media are the most useful, efficient and inexpensive for the production of the antigen which is needed for all blood testing! Better media will come from critical research.

B. **Control and means of spread**

In order to control leptospirosis a complete understanding of the underlying patterns of spread of the disease is of the utmost importance.

1. Possible wild animals hosts should be studied to determine whether they are affected and, if so, whether they are reservoirs and spreaders of leptospirosis.

2. Transmission of some types of leptospira by ticks has been reported. The ability of insect and other vectors to spread bovine leptospirosis (**L. Pomona type**) among cattle needs careful study.

3. **L. pomona** infections can be transmitted by contaminated water. The survival of the agent under many variable conditions in nature is not known. The danger of contaminated streams, bog and marsh land pastures in spreading the disease to non-infected stock should be ascertained.

C. **Vaccination** – A vaccine which would safely produce a good grade immunity of long duration would be extremely helpful in controlling leptospirosis.

D. **Treatment** – Antibiotic and drug therapy in the treatment of leptospirosis presently lacks a specific product of choice over others. Claims of both good and miraculous treatments have been made, but few have been verified. An **ideal** remedy would:

1. Alleviate the acute signs and distress, e.g., thick, bloody milk, bloody urine, decreased milk production, abortions and death.

2. Eliminate the shedding of leptospira with the urine of convalescing or recovered animals. Leptospira carriers probably are mainly responsible for the unrecognized and explosive spread of the disease.

E. **Effect of leptospirosis upon production and ultimate value of the individual animal and herd** – Other than the damage evident in the acute stages of the disease, the possible total injury from leptospirosis is not completely known. The following points should be studied:

1. The role of leptospirosis in producing sterility.

2. The mechanism and cause of leptospiral abortion.

3. The immediate and long range effect of leptospiral mastisis on milk production.

Only by knowing the course of the disease in our domestic animals can we hope to alter its outcome and ultimately reduce the losses incurred.

Dr. Morse is Assistant Professor, Department of Veterinary Science, University of Wisconsin. This material was presented at the annual meeting of the Wisconsin Holstein-Friesian Association February 1954.

Holstein Meetings in the *Southland*

Tennessee State Meeting—1955

This year found East Tennessee the host section for the Tennessee State Holstein meeting. The meeting was held at the Dairy Department of the University of Tennessee.

As people might know, Tennessee is long but narrow and divides itself into three distinct areas, East, Middle and West. The state meetings are moved from section to section to help those who live far away to attend a meeting at least once every three years.

Professor Wylie, Head, Dairy Dept., gave a short history of Holsteins in Tennessee. He states that the condensary system brought the first large numbers of Holsteins into Tennessee. As the consumer demand changed we found more and more moving in until today there is well over 200 registered Holsteins in Tennessee. Interest has grown and now there are breeders on official test, classifying and making the show circuit.

George Barrett, Supt. Advanced Registry Dept. from the National office was the principal speaker of the meeting. He told of the services rendered by the National office for breeders and explained the new change in HIR testing that is being made. This is the one from herd averages to lactation averages.

Bobby McCampbell was recognized for his achievement in the Junior All-American award. His four year old, Winmoor Yankee Fayne 3222987, was the 1954 Reserve Junior A-A 4 yr. old.

The Regional show at the Mid-South Fair is again planned for this year. It is hoped that another great show will be held both in the Junior and open division. Pre-fair rumors call for a Bar-B-Cue at the farm of one of the Tennessee breeders who farm in location near Memphis.

At the business session the following officers were elected to carry through this year's program.

President: W. E. Lattner, Memphis; Vice President: R. O. Davis, Walland; Sec. and Treas: S. A. Hinton, Knoxville.

Alabama State Meeting 1955

The Alabama State Holstein members met for their annual meeting at the Whitley Hotel in Montgomery.

W. R. Cunningham gave a resume of the past year's work which included a Junior and Open Holstein Sale. Also, the past year saw Holsteins being exhibited at some of the Junior District shows. It is hoped that Holsteins will be exhibited in all districts

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ALABAMA HEAD MEN
Left to Right, Seated: W. R. Cunningham, Florence, Vice-President; Elfreth Johnson, Tarrant, President. Standing: Directors—J. Frank Baker, Montevallo, James McElfreth, Phenix City; James Cagle, Vincent.

Some Observations on
ZERO PASTURE

By W. D. LASHBROOK

After listening to Dr. Carl B. Bender discuss the possibilities of Zero Pasture at the 1953 New York Breeder Institute, we decided at the Beacon Dairy Research Farm that we would like to have more first hand information on the operation. Specifically we were interested in its effect upon production and how it would fit into a dairyman's overall operation. This was our first trial on such a program and we have learned from experience. A few mistakes that we made may account for some of the differences in our observations as compared to advantages and disadvantages claimed by others for the program.

The Actual Operation

Because of a very late and wet spring, the Zero Pasture Program was not put into effect until May 28, 1954. Prior to this time, the herd had been pastured on a daily strip grazing plan. Approximately ¾ of an acre was made available daily to the herd of 40 cows.

During the next 3 months green material was chopped daily and fed in bunks located in a shady area close to the barn. The herd was fed twice a day throughout the summer except during a 3 week period in June. It was felt that having to chop grass in the late afternoon would interfere too much with the hay making operation so during this short period, the cows were allowed to graze at night on the same plots that had been used earlier for strip grazing.

Chopped Alfalfa, Ladino Clover and Brome Grass provided the bulk of the nutrients although green oats was fed in late June and early July. Sudan Grass was fed for a brief period early in August. A direct cut field chopper was used and the forage was unloaded directly into the feed bunks by hand. Two 16'x4' feed bunks were used but it was found necessary to add a third one.

The summer of 1954 was extremely dry with only a few light showers after the middle of June. By August 15th, it was necessary to start chopping green corn as all pasture growth was dormant.

It is realized that comparing one year's results with the previous year does not give a true picture. There are always complicating factors that influence the picture from year to year. However, since we did have actual records available, it seemed desirable to compare the results with the previous summer. The results are not to be construed as an actual experiment, just some observations from records kept as part of our Dairy Research Program.

Milk Production

One of the first questions asked is what is the effect of Zero Pasture on milk production. Experiments have shown that there has been no significant difference in milk production from Zero Pasture as compared to a sound rotational grazing system. During 1953, the herd was carried on such a grazing plan. The pasture lots were 6-10 acres in size and the herd of forty cows were moved from one plot to the next every 5-7 days.

A comparison of milk production in each of the summer months of 1953 and 1954 is shown on Table 1. It must be pointed out that during 1954 the cows were approximately one month closer to their last freshening dates. Only cows that were in production the entire month were included in this summary. You will notice that the herd is predominately fall fresheners.

The actual daily milk production appeared to be slightly higher during June and July of 1954 as compared to the corresponding months of the previous year. While August production was the same, the difference in calving dates would tend to give the advantage to 1953. The necessity of chopping green corn during the latter half of August of 1954 may have influenced this production level. Based on the comparisons of the two years, our observation would be that there is little difference in milk production under the two systems.

On the other hand, three management errors during the month of June may have had a significant effect. During the first two weeks we tried to feed grass from a field that had been manured during the previous winter. Daily consumption of the chopped material amounted to only 50 to 60 pounds per cow. Our past experience has been that we have had difficulty in pasturing manured fields. We found the same thing to be true on grass chopped from manured fields.

Following this, we chopped grass from fields that were definitely too mature. The Alfalfa was in half bloom and the Brome Grass headed out. In previous years it has been the practice to pasture green oats during the second and third week of June while waiting for the second grazing of pasture grass to become available. Because of the very late spring, oat planting was delayed and was not ready to feed until June 25th. The daily consumption of green material doubled when green oat feeding was started and stayed at that level throughout the remainder of the summer. After the 10th of July, the second growth was ready for chopping.

The third factor that may have entered into the production picture was that water was not available in the feeding area. Since this spot was only 600 feet from the water tank in the barnyard, it was felt that it wasn't necessary to bring water to the feeding area. Experience showed however, that the cows would eat, then head for the water tank. But instead of going back to the shaded area where the feed bunks were, the cows stayed in the barnyard practically all day.

Less Grain Fed

During the year no attempt was made to purposely increase or decrease grain feeding. The rate of grain feeding was based on roughage available and adjusted period-

TABLE 1. SUMMARY OF MILK PRODUCTION SUMMER MONTHS

	June		July		August	
	1953	1954	1953	1954	1953	1954
No. of cows	38	40	37	32	30	27
Ave. days fresh	187	166	202	171	208	180
Ave. daily milk prod.	35.99 lbs.	38.56 lbs.	32.61 lbs.	37.01 lbs.	33.95 lbs.	33.89 lbs.
Ave. test	3.61%	3.76%	3.80%	3.78%	3.79%	3.79%

TABLE II. SUMMARY OF ACTUAL GRAIN FEEDING BY MONTHS

	June		July		August	
	1953	1954	1953	1954	1953	1954
No. of cows	38	40	37	33	36	27
Total grain fed	9886 lbs.	11595 lbs.	10739 lbs.	9522 lbs.	9976 lbs.	7423 lbs.
Ave. grain per cow per day	8.67 lbs.	9.66 lbs.	9.36 lbs.	9.30 lbs.	10.7 lbs.	8.86 lbs.

TABLE III. SUMMARY OF TOTAL GRAIN FEED FOR SUMMER MONTHS

	1953	1954
Ave. No. of Cows	35	33.3
Total Milk	110004 lbs.	112497 lbs.
Total grain	30601 lbs.	28540 lbs.
Actual grain to milk ratio	1-3.59	1-3.94

TABLE IV. SUMMARY OF BODY WEIGHT CHANGES PER COW

	1953	1954
1st period May 1-June 15	+ 1.19 lbs.	—17.82 lbs.
2nd period June 15-Aug. 1	—11.41 lbs.	+10.35 lbs.
3rd period Aug. 1-Sept. 15	+63.66 lbs.	+56.92 lbs.
Ave. gain during summer	45.4 lbs.	35.6 lbs.

ically to conform with actual consumption of roughage. In Table 11 appears the breakdown of grain fed by months and Table 111 summarizes the totals fed for the summer. Less grain was actually fed in the summer of 1954 and slightly more milk was produced.

Supplemental Feeding of Roughage

It has been our practice to supplement pasture with hay at all times and during the summer of 1953, grass silage was fed during the month of August. No silage was fed during the summer of 1954. As no records had been kept as to the hay and silage consumption during 1953, we can only make an approximation. Roughly speaking, the supplemental roughage requirements were reduced 40 to 50% with the Zero Pasture Program.

Body Weight Changes

It has been part of the program over the years to weigh cows periodically during the summer months. Two consecutive days weighing was averaged to get the weight for the period. These weight periods were at six week intervals and only cows used in the above production summaries were included in Table IV.

More Uniform Production

One of the advantages given for Zero Pasture was more uniform production by leveling out some of the peaks and valleys of production. By bringing the grass to the cows, they will consume as much green material on the hottest days as they do in more favorable weather. This should tend toward a more uniform level of production as nutrient intake is constant. A study of our actual average production by days did not show this to be necessarily true although there appeared to be a tendency in that direction.

Cows Waste Grass When Pasturing

Another advantage as listed for Zero Pasture is the elimination of most of the waste. Cows are selective grazers, eating only the plants that are most palatable. Many times in the past I've walked through a pasture lot and there appeared to be plenty of grass, yet upon turning the herd into a new lot, milk production would increase. We have all seen what happens when a herd of cows are turned into a field of knee high grasses and legumes. In two or three days a sizable amount of grass has been laid on, trampled and made unpalatable by droppings. This is especially true as we step up the rate of fertilization to increase the yield per acre.

Zero Pasture does eliminate this problem and reduces materially the number of acres needed to carry the herd. 1954 was the driest year in a long time, yet 38 acres carried the herd of 45 cows until August 15th and also yielded 125 tons of grass silage and 25 tons of hay. Whereas, I do not have exact figures as to the acreage needed to do the same job in previous years, the amount of land would have been approximately 65 acres. This item becomes quite important especially on farms that are limited in size and probably could be listed as the No. 1 advantage of Zero Pasture.

Labor Required

The biggest disadvantage of Zero Pasture is that it requires more labor. Under the conditions which we operated during 1954, it took one and one half man hours daily to supply the feed for the herd. This figure includes the time traveling to the field, chopping, traveling to the feed bunks and unloading. It does not include the time necessary for the maintenance of the tractor and field chopper.

To partially offset this labor figure, it was not necessary to clip any pastures. There was no fence maintenance and it was not necessary to go after cows at milking time as has often been the case in previous years.

In order to reduce the amount of heating of the green material, it was necessary to chop grass twice a day. The afternoon chopping did conflict at times with the overall summer work. We did not find the heating as much a problem on second and third cuttings as we did on the first cutting.

Summary

Again I would like to emphasize that the material presented on these pages is not a true experiment. It is just some observations made from actual experience. It includes only one year's operation and correction of mistakes made, may change the picture materially in the future.

Zero Pasture as compared with sound rotational grazing system, did not appear to increase milk production materially. Theoretically one might expect that it would as daily intake of nutrients is not affected by weather conditions.

From our experiences this past year, I would say that it is possible to use less grain and still maintain a high level of production. Referring back to Table III, 2400 lbs. more milk was

(Please Turn to Page 87)

THE BEACON MILKING HERD AT THE FEED BUNKS
These bunks were moved to a shaded area at the beginning of the hot weather. Beacon Dairy Research Farm, Cayuga, N. Y.

EDITORIAL

Annual Report

In this issue we present the first installment of the Annual Report of the Executive Secretary. This covers the operations of the Association in 1954 and shows, in general, an excellent year.

Readers will be pleased to note that total registrations set an all-time high mark. Female registrations alone at 172,424 exceeded total rgistrations of both sexes for every year in our history previous to 1949. Even though bull registrations did not keep pace with this expansion of our breed, actual numbers of bulls at 23,539 are still substantial and exceed any year in the decade of the '30's. We hope we may be doing a better job of selecting the bulls raised and registered.

Transfers of females were up slightly but with enough less bulls transferred to record a small net decline in grand total. The percentage of bulls transferred to bulls registered remains constant at about 82% and we would here insert our observation that there are some indications that these selected bulls are selling better.

Artificial breeding which is undoubtedly the basic cause in the decline in numbers of bulls registered and transferred must be credited with providing a better market than we have ever known for desirably proved bulls. With over 20,000 bulls a year going out into service, it is obvious that the advantages of "owning your own bull" are still widely appreciated by many breeders. This should be pleasing to the artificial groups as insurance of a continued broad choice of desirable new blood when these young bulls mature and performance proofs become available.

Membership, which is also covered in this section of the report, reached a new high both in total and active. The number of new members received during the year was off slightly from the preceding year, probably reflecting the tighter economic situation on dairy farms. However, the direct advantages in lower rates for registry and transfer available to members making membership very much worth while from that angle alone when any volume of business is done, quite aside from the other advantages that go along with membership. It is a project that the State Associations could properly push even harder as a service to new breeders. Our new membership enrollment last year of 1550, while a little lower than we have had during the past few years, would be the envy of any other dairy breed association.

European Tour Cancelled

We deeply regret that due to insufficient enrollment it has been necessary to cancel our 1955 Holstein tour of Europe. The initial tour in 1954 was so enthusiastically received by all participants that we felt there would be sufficient patronage to continue these tours on an annual basis.

Holstein folks, however, are busy people and it now appears we miscalculated the number that might be able to go in 1955. The Travel Service Bureau has returned the deposits of those who had signed up and it is our hope that the tours may be resumed some other year soon.

How about a South American tour some time? Would you like that?

Golden Age of Food

Every nation at some stage reaches a high point in food supply, a point at which all or at least part of its citizens enjoy the greatest abundance of the best foods that it will ever be their lot to enjoy. The actual abundance is relative, but the high point is likely to occur only once.

Egyptians enjoyed such a period during the Twelfth Dynasty, about 2300 B.C. Greece had its good food era in the time of Pericles; Rome about the time of Augustus.

After the disintegration of the Roman Empire, the mass of Europeans lived for a thousand years without knowing what it was to have full bellies. As for the Orient, three thousand years of recorded history in China and India reveal no era of really abundant food for the mass of the population.

Men pass through these periods of plenty without knowing it—until afterward. It is only the historian who can tell what happened and when.

The United States is, in all probability, passing through its era of blessed abundance now, in this twentieth century. We take it not only as a matter of course, but strain ourselves to complicate our abundance into a "surplus problem." We should be thanking a kind Providence three times a day, not only for our daily bread, but for such a profusion of meat, eggs, milk, butter, cheese, vegetables, and fruits as no people ever dreamed of before.

Never before in the history of the human race have 160 million people in one nation had so much to eat or, what is even more extraordinary, so much of it in the form of rich protein, fats, and minerals. Never before has a whole nation had reason to watch its swelling waistlines with apprehension. We eat like a lot of pigs, worry about calories, and fight political battles over what to do with the "surplus!"

All this situation is at once the fruit of, and is complicated by, the new industrial society which has developed so amazingly in America.

It is the machines and the new techniques of production that have given us so much food. At the same time, the machines have made most of our working population over into an industrial population. The world never saw an industrial society before this era. There are no precedents by which to gear a minority agriculture into a majority industrial economy. The thing has to be done by trial and error. It is in process right now.

Wise public policy demands at least two things in these times. On the one hand, the industrial groups should remind themselves that an abundance of food and fiber is the foundation on which their whole economy is built. If they possess any rudiments of statesmanship, they will willingly give agriculture full equality in income, standard of living, protection of its capital, and freedom of action.

On their part, if farmers hope to pass on their American legacy to their children, they must somehow solve the problem of living as a minority group within a vast industrial society, yet retain their free enterprise estate. This will hardly be accomplished by leaning on the government for a living.

Ancient Egypt grew its food abundance under a form of benevolent despotism. Greece, under Pericles, did it by what we would now call a socialistic system. Rome, under Augustus, combined benevolent tyranny with exploitation of her colonies to feed the people well. At least the free Roman citizens ate well.

In America, the preservation of our Golden Age of Food is an experiment in private enterprise. Nothing approaching the freedom or the efficiency of our American farm business has ever been known before in all history. It is an estate which not only the farmers but everybody in this Nation should hope to preserve—Economic Letter of Northeast Farm Foundation.

The Principles of Immunization Against Disease

By WAYNE PENNINGTON

Although remarkable advances in chemotherapy have done much in the past decade to reduce the losses from diseases of livestock, preventive veterinary medicine remains as the important objective in the control of disease, particularly those diseases of a contagious nature.

Preventive veterinary medicine deals with the question, "What is the cause of the condition, will it affect the remainder of the herd, and how can I prevent further spread?" This is asked by the livestock operator, whose chief concern is for the healthy animals in the herd or flock. True, depending on its value, the saving of an individual animal by treatment is an important consideration. On the other hand, in herds and flocks where the individual value is comparatively low, such as poultry, sheep, and, with exceptions, swine, first consideration is for the healthy group. Sick animals or birds may even be sacrificed in order to establish a diagnosis, so that it is possible with control measures to prevent further losses.

Preventive veterinary medicine, therefore, is aimed at correcting those factors that interfere with the maintaining of a healthy herd, flock, or bands of domestic food-producing livestock or poultry. It applies suitable techniques to reduce the incidence of disease, or, where possible, to eradicate it completely; such as has been accomplished on several occasions when foot and mouth disease has gained a foothold in North America. In order to practice preventive veterinary medicine, consideration must be given the subject of epidemiology. This deals with the incidence, distribution, types of disease, primary and secondary causes of disease, and methods of transmission. Preventive veterinary medicine takes these facts as they pertain to a given epidemic and applies them to bring the disease under control.

The discovery of the immunizing properties of cowpox by Jenner, an English physician, who in 1796 protected a boy against smallpox by inoculating him with exudate from a cowpox lesion, was the first scientific application of immunization and also the first use of a modified live virus for protecting against disease. Almost 75 years later, immunization as a practical method of controlling various diseases was demonstrated by Louis Pasteur.

In order to understand what is being accomplished by immunization, it is wise to examine the principles whereby a vaccine or bacterin injected into an animal may protect that animal against a specific disease.

Take the antigen-antibody relationship. Briefly, an antigen is a foreign substance (not normally present in a particular species of animal) which, when injected into the tissue, will stimulate the production of antibodies against that particular antigen.

An antibody is any substance in the blood-serum which acts to destroy or restrict bacteria or other infectious organisms.

For example, if horse serum is injected into another animal, antibodies will build up against it.

An immunizing agent, such as a vaccine, is, therefore, an antigen, because it is a foreign substance and will stimulate the production of disease-fighting antibodies.

There is natural and acquired immunity. The former is an immunity not concerned with an antigen-antibody reaction and is apparently an inherited characteristic. The nutural immunity of equines to foot-and-mouth disease virus is an example of natural immunity. The immunity of all species except the hog to hog cholera virus is another. Acquired immunity, on the other hand, is obtained (1) by exposure to a disease, followed by recovery, (2) by vaccination with the disease agent in a killed, inactivated, modified, or natural state, or (3) by the introduction of antibodies. Immunity which results from the injection of an antigen or exposure to disease, with the resultant active participation of the tissues in producing antibodies, is known as active immunity.

Passive immunity results from the injection of antibodies only. The latter is accomplished by the injection of serum (antiserum) that is high in antibody content, or from the ingestion of colostrum in a species such as the bovine, where antibodies are not passed by way of the blood stream to the fetus.

In the past, passive immunization has been considered of considerable importance in controlling a disease of livestock. When a disease appeared in a herd, all animals were given antiserum, if such were available for that particular disease, as a treatment for the sick animals and to immunize passively the others in the herd. Then, about two to three weeks later, the animals were actively immunized by injections of vaccine or bacterins. The use of antiserum, however, in the control of diseases of livestock is decreasing.

Antiserum is expensive and its use is not always successful. Experience has shown that it is far more practical to use routinely vaccines and bacterins to establish active immunity, which is long lasting, than to risk losses that cannot be avoided when an outbreak of disease occurs. There is also the double expense of giving all animals antiserum and then having to vaccinate anyway, so that the animal will be protected for more than a few weeks against the disease-producing agents now established on the premises.

Besides, the discovery of the new sulfa drugs and antibiotics such as aureomycin, has given the livestock industry drugs for the treatment of diseases, with the exception of some of the virus diseases, for which antiserum was formerly the only remedy available.

There are several points to be considered about acquired active immunity. First, it varies in its duration. With some diseases it is necessary to revaccinate annually. Anthrax, for example, is a disease in which immunity will last only one year. In other diseases, such as fowl pox and fowl

ALDEN DELL MBB DEAN 860678 (Ex-GM)

← ALDEN DELL MBB DEAN

860678 - EXCELLENT and GOLD MEDAL

AT CLYDE HILL

"Dean", as called, has been on lease here from Gerald Armstrong, EL-BO-GER Farm at Auburn, Nebraska, since the fall of 1953, where he was developed and classified "Excellent" and proven to Gold Medal. He is 13 years old, very active for his age and still looks his part of an "Excellent" sire.

His daughters have shown a fine increase over dams. His Silver Medal Production rating in the EL-BO-GER herd was on 12 pairs M.B. 305 days 2X H.I.R.

12 daus.	13390. M.	3.82%	511.0 F.
12 dams	11590. M.	3.42%	398.0 F.
Plus:	+1800. M.	+.40%	+113.0 F.

Dams and daughters made their records under identical condition and ordinary farm care and his daughters have produced up to 554.9 lbs. fat as 2-yr-olds on 2X and milked by machine.

His Silver Medal Type Sire recognition summary: **2 V.G.; 12 G.P.; 4 F.; 1 F. total 19, 81.1 at an immature age.**

"Dean's" daughters are large and dairy and have fine type and good udders. They have stood well up in their classes where ever shown and have made many friends for themselves in the EL-BO-GER herd.

— HIS GRANDSIRE —

SIR BESS ORMSBY DEAN (EX)
Daughters up to 999.6 F.

"Dean" is the combination of Sir Bess Ormsby Fobes and Marathon Bess Burke breeding, "The Cross" that has produced such great cows in our herd with great stamina, outstanding type, great production and LONGEVITY. Dean's sire, Sir Bess Ormsby Dean 2nd "Very Good," is from Bonnie Bess Burke Fobes and she from Bess Burke Ormsby Posch and by Posch Ormsby Fobes, the former Maytag herd sire, with daughters up to 1131. lbs. fat.

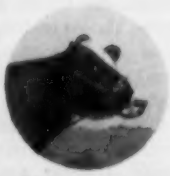
Dean's grandsire, Sir Bess Ormsby Dean "Excellent," high index son of Sir Bess Ormsby Fobes 73rd and Ermvale Dinah Korndyke Ormsby, founder of a great cow family in the former Maytag herd, where her great "Excellent" son, "Dean," was also used so successfully. "Old Dinah," as called, lived over 20 years (note picture at 19 yrs. and her two "Excellent" daughters) was never classified but as Melvin A. Scholl, former Maytag herdsman, says in his article, "The Stronger Half of the Pedigree—V" in March 19th, WORLD issue: "If ever an "Excellent" cow lived it was 'Old Dinah'." (We refer our readers to this fine story.) She has 3 "Excellent" daughters, Ermvale Ormsby Delta "Excellent" at 13 yrs. and Ermvale Della Ormsby "Excellent" at 14 yrs. Alden Dell M. B. B. Dean's own 500.-lb. dam at 3 yrs. (died later from hardware) is sired by a grandson of Marathon Bess Burke 11th.

— *Old "Dinah" and Her Two Excellent Daughters* —

ERMVALE DINAH KORNDYKE ORMSBY
(Photographed at 19 years)

ERMALE DELLA ORMSBY
Excellent at 14 years.

ERMVALE ORMSBY DELTA
Excellent at 13 years.



Visitors Always Welcome

We have now several outstanding sons sired by "Dean" Excellent and Gold Medal available. They are large for age and have beautiful type and are priced reasonable. Come for a visit and look them over – they will please you, or write for pedigrees.

Eleven years Progressive Breeder developed 3 Gold Medal Sires, developed 39 100,000-lb. cows, 6 over 200,000 lbs., developed 20 Excellents, 19 homebred.

CLYDE HILL FARMS

CLYDE, MISSOURI

Ten Crosses to the "Fountain-Head" of the Burkes

— The Burke Foundation —

WISCONSIN ADMIRAL BURKE LAD

Through the years our breeding program has continued to emphasize the Burke blood, and its importance to our herd and the Holstein breed. At the present time he far outranks all other sires in Classification with a total of 48 "Excellent" offspring and 13 "Gold Medal" sons.

— A Double Burke Son —

REGAL ROAMER MARLOW BURKE
Sr. Herd Sire, classified "Excellent"

Ten crosses to "Burke" in the herd, in combination with the blood of Femco Almas Only Son is constantly adding to the prestige and acceptance of our herd through the high year after year twice-daily production records. The Marlow herds in recent years have produced 4 cows with 9 records from 800 lbs. to 955 lbs.; 10 cows over 700; 33 over 600; 63 over 500 lbs. with many 2 and 3 year old heifers included. **Write us your requirements today.**

MARLOW HOLSTEIN FARMS
J. C. Marlow, Owner

MARLOW MILKER

BOX 148, MANKATO, MINN.
John Rahbek, Op. Partner

larynogotracheitis, life-time immunity can be induced by vaccination.

A particular disease may be caused by a virus or by bacteria; yet there may be several strains of the virus, or species of the bacteria, each capable of causing the disease, and the vaccine prepared from one strain or species may not immunize against the related strain. Hemorrhagic septicemia, or pasteurellosis, is an example. This disease is caused by bacteria, **Pasteurella multocida.** There are, however, three serological types of this organism that are isolated commonly from pasteurellosis. Each causes the same symptoms, but a bacterin or antiserum that protects against one species does not protect against the others. For wide range protection, therefore, it is necessary to use a biologic that contains the three serological types.

Natural or acquired immunity is not the only mechanism which the body employs to defend itself against disease. There are primary defenses that prevent the entrance of viruses into the tissues. First, the skin and mucous membranes usually must be penetrated. In addition to offering a mechanical barrier, the secretions secretions from these tissues provide further protective action by their inhibitory effect on certain bacteria. Then there is the action of the enzymes of the stomach and upper intestinal tract which destroy many invaders.

Another phase in the defensive mechanism of the body is the ability of certain leucocytes (white blood cells) of the blood to surround and destroy foreign substances, such as disease-producing bacteria. These cells are called phagocytes and the process by which they destroy the invader is known as phagocytosis.

It should be emphasized that the degree of acquired immunity is variable; it may sometimes be overcome by disease agents of high virulence, by exposure to an excessive dose of the disease-causing agent, or by lowering the natural resistance of the animal by subjecting it to poor environmental conditions. One should not assume, therefore, that when stock has been vaccinated against a particular disease, the owner has done all he can in preventing disease. Good management and sanitation are still essential.

Today, vaccines and antiserums are authorized by and produced under strict government supervision, yet the conclusion should not be drawn: "It cannot be such a disease, because the herd or flock was vaccinated." Many products used to immunize deteriorate with age especially if they are not kept under refrigeration. As a result they will not effectively immunize. Immunizing products, therefore, should be considered in a critical manner as to their source and method of handling.

It is preferable to have biologicals administered by or under the advice of a veterinarian.

EDITOR'S NOTE—The author is connected with Lederle Laboratories Division of American Cynamid Company, well-known manufacturers of antibiotics.

Grass Silage—Cows should get 5-6 pounds of grass silage per hundred of body weight. In other words, Holsteins should get 70 pounds of grass silage per day; Jerseys at least 50 pounds per day. In addition to this silage cows should get ten pounds of hay a day. If you have good quality roughage you'll find your cow will clean this up and be looking for more. In addition to this roughage cows will need some grain; how much grain they will need will depend on the amount of milk they are producing. Try feeding a pound of grain for every four pounds of milk, this should be enough and you may even be able to reduce to one to five, depending on quality of roughage.

Corn Silage—Cows should get four pounds of corn silage for every 100 pounds of body weight. A Holstein cow should get about 50 pounds of corn silage; a Jersey about 40 pounds. A little more hay should be fed with corn silage than with grass silage. Holsteins will need about 15 pounds a day; Jerseys about 12 pounds. Feed grain at the same rate as you would with grass silage, about one to four.

Some dairymen have no silage and feed, only hay. When no silage is available feed your cows 25 to 30 pounds of hay a day. It is a good idea to feed wet citrus pulp or beet pulp when no silage is being fed. Cows need a succulent feed in their ration so if you have no silage a wet pulp will make a good substitute.

In all cases remember you make your cheapest milk from roughages.

Bruce R. Poulton
Research Associate in
Dairy Husbandry,
New Jersey Station

This Intensely Burke Bred Bull For Sale

CRESTON RAVEN REGAL

— A Raven out of a Regal —

Creston Raven Regal

Born Sept. 28, 1954

This promising young herd sire is a son of Weber Hazelwood Burke Raven (Ex-GM) out of Creston Regal Noelle, an outstanding daughter of Pabst Regal with the following 2-yr-old HT record: 287d 2X 12,660 milk, 4.2%, and 527 fat. Her dam is a good record daughter of Montvic Rag Apple Churchill. Paternal brothers and sisters to Creston Raven Regal have recently made the news. The Raven "Get" was Reserve All-American in 1954. Pabst Sir Raven Dell was All-American Bull Calf last year and Prince Charles of Curtiss Candy was Reserve All-American Bull Calf in 1953. There are now 3 Excellent Raven daughters, one with a 1085-lb. record.

Here is your chance to buy a concentration of Burke breeding difficult to find any place other than Pabst Farms. The Raven offspring are great but the Ravens out of Regals will be even better. Write today for details on this outstanding calf. He is a herd sire that will increase in value as time goes by.

CRESTON FARMS

BUTH BROTHERS **COMSTOCK PARK, MICH.**

Chieftain 7 th Intensified

With a Strong Shot of STAR Blood

Our Senior Sire

ORMSBY HOMESTEAD WAYNE KING

HIS PROVING IS STARTED

At barely six years old, he has two daughters above 500 f., 7 above 400 f., all as 1st calf heifers.

This proving in a small farmer-breeder herd in Pennsylvania, where he has a grand bunch of daughters coming along.

Sire: PEBBLE BEACH PRINCE KATHLEEN 951427
Well proven—6 dtrs. from 600 to 678 lbs. fat—double grandson of Montvic Chieftain 7th (VG-GM) being by famed P. B. Prince of Wayne and from a 4.2% daughter of Chieftain 7th and P. B. Kit (Ex.) with 122,125 m., 4067 f.

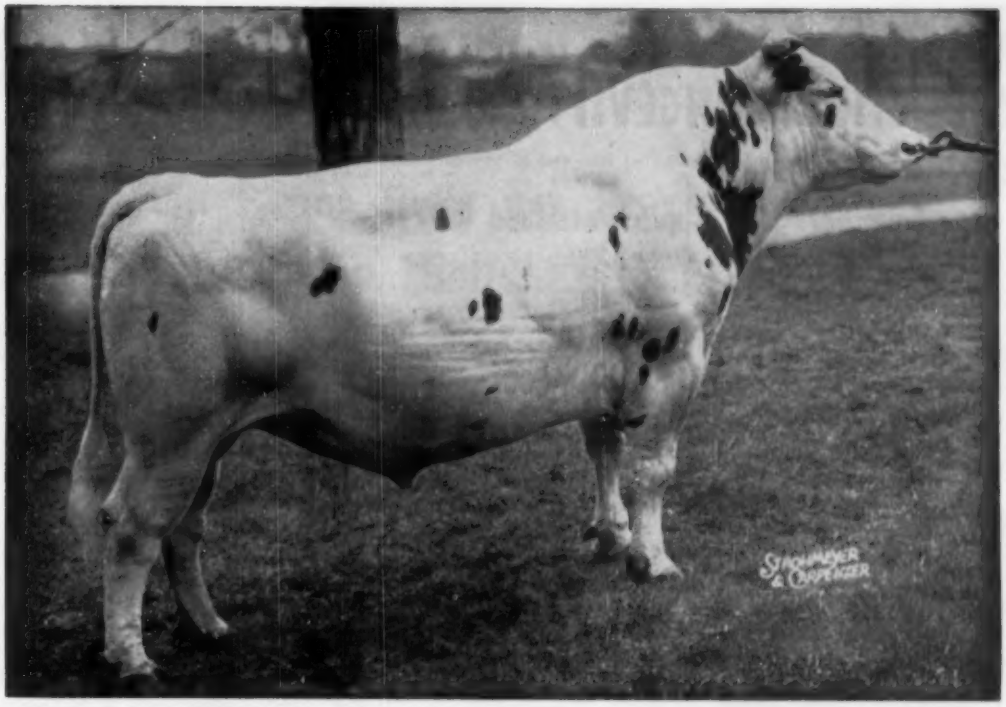
Dam: ORMSBY FERN HOMESTEAD 1987443
6y 365d 23621 m. 763.7 f. DHIA
A granddaughter of Lathrop Star Homestead, who needs no introduction to WORLD readers.

We are mating him with daughters and granddaughters of our former herd sires — Ravenglen Senator Montvic, Cornucopia Zeldenrust Gaslight, Wait Farm All-Var Count and others, and await with interest the arrival of his first calves.

The Wm. S. Barksdale Co., Inc.

WM. S. BARKSDALE, President **DANIEL R. LYNN, Treas. & Farm Mgr.**

Address Holstein Correspondence to
THOR HANSEN, Herd Manager, Randolph, Virginia



PEBBLE BEACH DUKE PRINWAYCESS (VG)

We Have Already Bred A Number of Cows to Duke

DUKE IS ONE OF THE GREATEST OF PROVEN SIRES

We have built our herd on Proven Sires.

WE HAVE USED MONTVIC CHIEFTAIN 7TH BLOOD WITH SUCCESS

Pebble Beach Chieftain Conqueror by 7th out of a Conqueror daughter has given us some grand females.

CHIEFTAIN 7TH AND OUR 45TH COWS MIX WELL

We have found that the mating of closely bred families gives us the better cows.

A Junior Herd Sire at Cedar Lane Is Knollwood Rag Apple Gay's Son Sired By Duke
— He Is A Promising Calf —

Cedar Lane Farm

Oldwick, New Jersey

J. S. Johnson, Owner **Leon Snyder, Manager**

At Sunny Vale Farms . . .

PRODUCTION, LONGEVITY and TYPE

have been and will be developed by the following sires out of proven transmitting cow families:

Eglantiers Rag Apple Dutchland 1017797

GOLD MEDAL PROVEN SIRE

Recently sold to Central Ohio Breeding Assn. (see pages 24 and 25, January 1, 1955 WORLD). Transmitting high 2X production, wonderful udders, and straight legs. Daughters with 744, 636, 592 and 587 fat, 2X, 3½y. Sire of 5 VG, 11 GP and 7 G. His semen available. **His Sire** is Montvic Rag Apple Ajax (XXX), one of the outstanding transmitting sires in Canada, many proven sons. 92% of his daughters are GP or better. **His Dam** is Centre View Dutchland Daisy (VG) with 22,458 3.86% 868 fat—total lifetime **103,698**; and her dam EX with **115,537** lifetime.

— **Paternal Sister to Baron** —

HAIGERTLEE JEAN HOPE
All-American Heifer Calf, 1954.

Baron Rag Apple Fond Hope

1163474 (VG at 3y—87)

Siring deep bodied calves with attractive dairy qualities. **His Sire,** the popular Spring Farm Fond Hope (XXX), leading sire for 1954 All-Canadian winnings with 15 offspring nominated, 4 All-Canadian, 4 Res. and 4 Hon. Mention. Daughters to 741 fat 2X 2y. **His Dam,** Rag Apple Lady Hilton (GP), 4y 365 2X 17785 3.9 695, life to date, **101,336,** 2X. Her dam VG with 802 fat 4.2% at 7y.

— **Full Sister to Abbie's Sire** —

ROCKY HILL MONT BURKE DUSTY JO (EX)
One of the greatest cows of the breed; 3 times All-American Aged Cow, twice Reserve.

SVF Abbie Rag Apple Burke Jo

1206615

Calves are arriving. **His Sire,** Rocky Hill Mont Burke Jo (VG-GM), full brother to the 4-times All-American Dusty Jo (pictured) whose sire is EX-GM and whose dam is EX. Abbie has 3 GM sires and 1 XXX-Extra in his 4-generation pedigree. **His Dam,** Wyn-D-Lyn Sovereign Jean (VG) Res. All-Canadian & Nom. for All-American 1947. She by Sovereign and has 7y 365 2X 17000 3.6 607, will go over **100,000 lbs.** 2X this coming lactation.

SVF Mario Var Dutchland 1224837

A Preferred Pedigree Bull just going into service. **His sire** is our Gold Medal Sire, Eglantiers Rag Apple Dutchland. Owned jointly with Wm Morrow, Newton, N. J. His 4 nearest dams over **100,000** milk with 3 VG and 1 EX. Full sister is GP at 2y with 13,514 3.8 510 2X, she 5th 2-yr-old 1953 Ohio State Fair. Maternal sister GP with 19207 4.69 900 2X 6y. **His Dam,** High Point Marie Lochinvar (VG-89 pts.) with life to date over **116,106** milk on 2X. A wonderful brood cow transmitting high 2X production and test. Her dam VG with **106,631** milk lifetime 2X.

Plan to visit us now or at Convention Time and inspect the development of our breeding program through these sires from proven transmitting cow families. 12 cows over 100,000 lbs. milk, more coming; Classification score 82.9 on 64 head with 19 VG, 36 GP and 9 G. Records up to 21,000 milk and 774 fat 2X. Foundation males and females available from time to time.

SVF

Sunny Vale Farms — Lafayette, N. J.

Certified and Accredited — Classified and Analyzed

F. J. and ROSELYN INGANAMORT Owners — **T. J. OKARMA, Mgr.** **W. HANSEN, Herdsman**

PRIVATE DONORS BUILD MID-SOUTH HOLSTEIN PREMIUM LIST TO $6000

Despite cut-backs in the Holstein division premiums offered by the Mis-South Fair at Memphis, Tenn., private donations have built the Holstein list to $6000 for the 1955 event.

Among these are new awards totalling $250 offered by John Colebank, breed enthusiast and expert herd manager known for his successes with Holstein herds in Tennessee.

W. E. Lattner, Memphis businessman and Holstein breeder, is offering up to $1000 to add to money being offered jointly by the Fair and The Holstein-Friesian Association of America to guarantee each qualifying State Herd of Holsteins a total of $300 in premiums.

In addition, the National Junior Dairy Show, held in conjunction with the Memphis fair, offers a total of $10,000 in premiums to all breeds.

Mr. Colebank's awards include five prizes to be won by the best Holstein breed promotion herd display, and involve both showmanship and the skill with which herdsmen handle and care for their animals while they are on display.

One of three brothers known throughout the dairy world, John Colebank was raised on the Colebank Homestead Farm just a few miles from Memphis. After gaining valuable experience in managing dairy cattle on several farms over a wide area of the United States, he became herd manager of Plainview Farm near Mepmhis where he built a registered Holstein herd and pasture and roughage program known throughout the South. While he was with Plainview Farm, he developed a Mid-South Fair exhibit based on Whitey Canary Pietertje, a big white Holstein cow producing nearly 100 lbs. milk daily while at the fair. She took top awards in showring competition and her public milkings attracted thousands of fair-goers daily.

When industrial development forced the dispersal of Plainview Farm, Mr. Colebank became associated with Mr. Lattner.

Having qualified through exhibition of up to 10 State Herds of Holsteins in the past, the Mid-South Fair is designated a Regional Holstein Show by the Holstein national breeders' organization, one of 5 shows in the United States to be so designated. The 1955 Mid-South Fair Junior Show opens Sept. 23 and the Open Dairy Show starts Sept. 26 at Memphis, Tennessee.

Capable . . .

Harden Farms Bulls are Proving Capable of Increasing High Level Production !

HARDEN FARMS KING TWENTY-SEVEN

Owned by Machold Farms, Ellisburg, N. Y.
Comparison on 6 pairs:

Dtrs. avg.	16,365	3.6	597
Dams avg.	13,437	3.7	497
	+2,892	−.1	+100

HARDEN FARMS DEEN SUPREME (Silver Medal)

Owned by Max B. Yasgur, Bethel, N. Y.
Comparison on 14 pairs:

Dtrs. avg.	13,457	3.54	476
Dams avg.	11,739	3.58	420
	+1,718	−.04	+56

HARDEN FARMS DEEN TWELVE (Silver Medal)

Owned by P. M. Baird & Sons, Chester, N. Y.
Comparison on 23 pairs:

Dtrs. avg.	14,674	3.7	542
Dams avg.	12,964	3.7	480
	+1,810		+62

HARDEN FARMS KING LOCHINVAR (Silver Medal)

Owned by Harden Farms, Camden, N. Y.
Comparison on 17 pairs:

Dtrs. avg.	14,156	3.41	482
Dams avg.	13,280	3.57	474
	+876	−.04	+56

HARDEN FARMS KING FORTY-TWO

Owned by Laurence Jewett, Evans Mills, N. Y.
Comparison on 11 pairs, Cornell proof:

Dtrs. avg.	14,367	3.5	499
Dams avg.	13,039	3.5	459
	+1,328		+40

HARDEN FARMS DEEN FOUR (Silver Medal)

Owned by The Wait Farms, Auburn, N. Y.
Comparison on 10 pairs:

Dtrs. avg.	13,187	3.69	487
Dams avg.	11,109	3.69	410
	+2,078		+77

HARDEN FARMS KING ORMSBY

Owned by First Oneida Co. Bull Assn., North Bay, N. Y.
Comparison on 9 pairs in the herd of
Clifton C. Collins, Blossvale, N. Y.

Dtrs. avg.	15,285	3.32	508
Dams avg.	14,100	3.56	502
	+1,185	−.24	+6

HARDEN FARMS KING TWELVE (Gold Medal Sire)

Owned by H. W. Craun & L. J. Crowgey,
Roanoke and Wytheville, Va.
Comparison on 15 pairs:

Dtrs. avg.	14,244	3.55	505
Dams avg.	13,537	3.55	488
	+707		+17

HARDEN FARMS PLEDGE PROGRESSOR (Silver Medal)

Owned by Beacon Milling Co., Cayuga, N. Y.
Comparison on 10 pairs:

Dtrs. avg.	11,920	3.86	460
Dams avg.	11,089	3.70	410
	+841	+.16	+50

Let a Harden Farms Bull put Your Herd in the Winner's Circle

HARDEN FARMS — CAMDEN, NEW YORK

— An Exceptional Bull Calf — Born Dec. 2, 1954

Combining Royalist and Rosanna and their Dam is the E B Rosa Cow —

In Our Estimation a Calf That Illustrates the Theory of "The Stronger Half of the Pedigree"

— The "Lass" cow (dam of "Ideal") is a member of a four generation group that averages 1025 F. 4%. Her dam is a member of two four generation groups that average 1000 F. and a five generation group that averages 1000 F., all 3X.

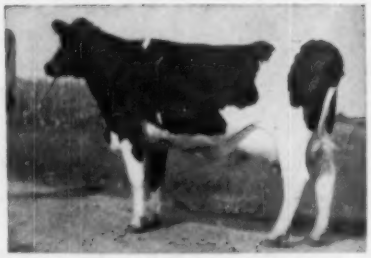
— The "Princess" cow (dam of "Beach") whose five maternal descendants have the average given is also the member of a six generation group of cows that all have at least one record of 4.2% or over.

— The granddam to the "Posie" cow (granddam of the calf) has four maternal sisters and each one has made a state record, all as young cows and over 800 F. all ready.

—And one cannot stress the ability of E. B. Rosa (the calf's granddam) as a brood cow too much because "she really had it." Not to minimize "Star Piebe" who had the unusual ability of making great cow families greater. . . . This is one of several young calves all combining the same families.

Semen is available from "Panstar Rosa," "Beach," "Ideal" and "Royalist"—our four herd sires.

HIS DAM



ZIMMERMAN PANSTAR ROSANNA
Her records below.

HIS GRANDDAM

E. B. ROSA (EX)
See her records below.

ZIMMERMAN DAIRY FARM

—: Home of the Linebred Stars :—

L. A. AND J. A. ZIMMERMAN — **LEHIGHTON, PENNSYLVANIA**

Three HIR Herd Averages Over 700 Lbs. Fat

ZIMMERMAN BESTAR POSER
A young sire of exceptional promise, now in service in the herd of Philip Walters, Somerset, Pa.
Each of his 3 nearest dams have made a state record.

ZIMMERMAN PANSTAR ROSANNA
2-6 18553M 4.0% 746.9F
Carried calf 211 days
Now promising a much larger record.
Her full brother is our junior sire, Z Panstar Rosa.
Her ¾ maternal sister is a former national champion with a plus son.
Her ¾ maternal brother sired a national champion.

ZIMMERMAN PANSTAR BEACH
A linebred Pansy bull.
His first 5 daughters are doing better than their dams, milking up to 90 lbs. as 2-yr-olds.

ZIMMERMAN ROYAL STAR POSIE

2-3	16,997M	4.1%	701.7
3-4	32,195M	4.1%	904.6

State record when made; a linebred Star, and a linebred E. B. and a Pansy.

ZIMMERMAN STAR PANSY IDEAL
Silver Medal sire in a farmers herd with daughters up to 750 F at 3 yrs. 2X.
Proof in our herd 2X 305d

6 dtrs.	17,706M	3.90%	691F
6 dams	16,669M	3.67%	612F
	+1037	+.23%	+79

6 other daughters will improve this average. The 12 daughters average 720 lbs. as 2 yr. olds.

E. B. ROSA (EX)
910F 2.8%; 991F 4.2%; 998F 4% lifetime 6,800F
3 great daughters including a former national champion.
3 great proven sons including ROYALIST above.

ZIMMERMAN STAR PANSY IDEAL
His full sister Star Belle completes 4 generations that average 1025 F 4%.

PRINCESS BOAST ORMSBY DEAN
29,154 M 3.9% 1133 F HIR
A granddaughter of the Pansy cow. Her 5 maternal descendants average 862.8 F 4.2%—3 at 2 yrs. of age.

ZIMMERMAN PRINCE STAR ROYALIST

9 dtrs.	17,319M	3.98%	689F
9 dams	15,975M	3.77%	603F
	+1,344	+.21%	+86F

The 9 daughters average 800F actual Sire of a national champion.

ZIMMERMAN DEAN STAR PANSY
875F 3.9% 4 yrs.; 780F 3.8% 2 yrs. Now making a much bigger record. Maternal sister—898F 3.7% at 4 yrs.

SHESHEQUIN STAR PIEBE
11 dtrs. 616F; 11 dams 542F 2X 305d
5 from 800 to 1127 F 3X
23 plus proven sons

PANSY POSCH ORMSBY LASS
807F 3.9% 4 yrs; lifetime 4%
Dam of Star Belle—1127F 4.5%, a line-bred Pansy cow.
The 26 Pansys average 885F 3.95%

ELMBROOK SEGIS PONTIAC
A linebred E. B. bull
His 18 descendants we have had ave. 865F 3.85%.

ELMBROOK ROSA
A proven brood cow. Her 2 daughters have large plus sons. Her plus proven son has 2 dtrs. over 940 F.

Only the Best Are Good Enough!

We simply don't raise a bull calf that cannot earn a Selected or Preferred Pedigree rating. We try to buy the **best** herd sires we can find for our own breeding program and we know that you want only the **best** for yours. We suggest that you investigate our high record, high type-rated, Carnation-bred herd. We have a good selection of Selected and Preferred Pedigree young bulls at modest prices.

R. H. Barr — **Ohio Carnations** — Paul R. Barr

BARR DAIRY INC.

3833 Martindale Road, N. E., Canton 4, Ohio

ROUND TABLE

MILK PRICE CONTROL THREATENED

Editor, Holstein-Friesian World.

Last fall, as the result of pressures Oregon voted out its long established Milk Commission. The result? Ten cent milk, sold in certain super markets, to break the price. As I write this I learn that hearings are being held in Maine on a bill to abolish their Milk Commission. Back in my home state of Minnesota, we are not fortunate enough, or perhaps I should say our dairymen are not powerful enough, politically, to have a Milk Commission, and there the dairyman gets, roughtly, 7½ cents a quart for 3.5% milk, which retails, homogenized, at 19 cents. I am happy to report, however, that hearings are now being held in Minnesota on a bill to establish a Milk Commission, so perhaps, if all dairymen in Minnesota get back of it and really push, we may at long last get a fair break.

'Down here in Florida where Mrs. Marlow and I have been spending our winter vacation, we find that on the surface things look pretty rosy for the dairyman, with a return to the producer of 15 cents a quart and milk selling, homogenized, in paper cartons for 26 and 27 cents in stores. This is the only state I know where the producer gets a fair share of the consumers dollar. But, when we talk with Florida dairymen and learn of the high cost of producing milk in Florida as compared with our Northern states, 15 cents doesn't seem so high.

But the worst is yet to come. As we read the daily paper we notice what seems to be a definite propaganda campaign to abolish the milk commission, the pay-off only yesterday, April 4, in an editorial comment in the St. Petersburg Times, as follows:

"The Legislature should take a good look at the milk board. It should certainly be stripped of its price fixing powers, if not abolished."

How about that? These same things may be happening or getting ready to happen in your state, too. Probably they are. Powerful interests, the great super market chains, are backing these movements, and of course they have a strong appeal to the thrifty housewife, who in her zeal to stretch her food budget dollar, forgets that milk, even at 27 cents a quart, is still our cheapest source of balanced nutrition.

The ADA is doing a fine job of reminding the eating public of the value ing the eating public of the value of milk, but could it not also be a part of their job to explain to the public — the consumers, the State and National Legislative bodies, everybody — that the milk producer cannot set his own price for his product and that without some kind of price control both producer and consumer are at the mercy of the processor.

The Purebred Dairy Cattle Association and the various Breed Associations should be alerted to this very real danger that is facing the dairy industry and should be taking steps to crush these movements before it is too late. Can we not have some discussion on this at our own National Convention? And will not all thoughtful dairymen make it their duty to see that their state and National Legislative Representatives are thoroughly informed as to the nature and purpose of these movements and the effect it will have on the economy of the whole country if the dairy industry should be struck such a staggering blow.

Yes, Mr. Breeder-Dairyman, it CAN happen here — and if I may be permitted another corny old expression, it is later than you think. This is our problem. Let's have your suggestions through the WORLD and let's get going.

J. C. MARLOW
Mankato, Minn.

Editor's Note:
Mr. Marlow might have added reference to the present ferment in New Jersey; also efforts discussed in Congress to strike down our whole protective Market Order System.

An Unsurpassed Offering

These Sensational High Record, High Classified Cows and Heifers Sell!

— Cows —

- ★ "E" 1168-lb. fat cow with three other recs. above 1046 lbs. fat.
- ★ "E" 757-lb., 2X Grand Champion dtr. of Pabst Barta Prilly Wayne 16th.
- ★ "E" 560-lb., 2X 3-yr-old from Winterthur. She weight 2114 lbs.
- ★ "VG" 954-lb., 2X, 4.4% daughter of Penstate Inka Paul.
- ★ "VG" 785-lb., 2X 4-yr-old dtr. of Carnation Imperial Cavalier.
- ★ "VG" 635-lb., 4½y, 2X, 3.5% granddaughter of Carnation Emperor.
- ★ "VG" 627-lb., 4½y, 2X, 3.7% daughter of 808-lb., 2X, 3.9% dam.
- ★ "VG" 606-lb., 23m, 2X, 4.5% dtr. of Crownhurst Segis Perfection.
- ★ "VG" 598-lb., 24m, 2X, 3.8% dtr. of All-Am., Pabst Roamer Dean Walker Lad.
- ★ "VG" 535-lb., 2X 2-yr-old with 15,035 lbs. milk.

THURSDAY OF CONVENTION WEEK
JUNE 2nd

The 1955

- ★ "VG" 532-lb., 24m, 2X, 4% daughter of Dunloggin Aim from 806-lb. dam.
- ★ "VG" 525-lb., 2½y, 2X, 3.7% heifer. Full sister has 688 lbs., 3y, 2X, 4.3%.
- ★ 878-lb., 4y, 2X, 4.5% highest rec. dtr. of Carn. Homestead Revelation.
- ★ 760-lb. 4y, 2X Vt. State Champion dtr. of Osborndale Stardust.
- ★ 755-lb., 2X, 4.1% 5-yr-old daughter of 894-lb., 2X, 4.1% dam.
- ★ 729-lb., 4½y, 2X, 4.2% dtr. of GM sire from 1023-lb., 2X, 4.2% dam.
- ★ 711-lb., 3½y, 2X, 4% daughter of Lauxmont Rag Apple Autocrat.
- ★ 685-lb. 2-yr-old, 3.9% dtr. of Dunloggin Golden Cross Tidy.
- ★ 663-lb., 2-yr-old, 2X, 3.9% dtr. of Clarkdale Gloria Transmitter.
- ★ 658-lb., 4y, 2X, 4.27% own dtr. of Montvic Rag Apple Sovereign.
- ★ 626-lb. 2-yr-old daughter of 893-lb. dam. Great Dunloggin family.
- ★ 624-lb. 2-yr-old Sir Bess Ormsby Burke Fobes dtr. from 900-lb. dam.
- ★ 600-lb. 2-yr-old Creston Twenty Grand gr'dtr. from 843-lb. dam.
- ★ 523-lb., 28m, 2X, 3.8% dtr. of Mallary Farm Rag Apple Triumph.
- ★ 523-lb., 2y, 2X dtr. of Lauxmont Admiral Lucifer from 890-lb., 4% dam.
- ★ 508-lb. 2X 2-yr-old dtr. of a Gold Medal Dunloggin King Var son.

Send 50c with Catalog Requests to

Of Superior Holsteins

Note Popular Bloodlines & High Records on Dams of these Heifers & Bulls!

— Heifers —

★ Dtr. of Pabst Reburke Duke from "E" All-American twice 1000-lb. fat dam.

★ Dtr. of twice 1000-lb. "VG" Newmont Mutual Man-O-War May by top proven bull.

★ Dtr. of $3,500 U N H Conqueror Pandora who completes 4 gens. of 800-lb., 2X cows.

★ Dtr. of Pond Gate Playmate from 978-lb. dam; 2d dam full sister to "Lucinda."

★ Dtr. of Glenafton Engraver from 887-lb., 4.9% dtr. of 1175-lb., 4.75% dam.

★ Dtr. of Glenafton Engraver from 870-lb. "Sovereign" dtr.; 2d dam 1204 lbs.

★ Dtr. of Cashman Graceful Mister from 754-lb., $2,900 Paul Stewart-bred cow.

★ Dtr. of Weber Hazelwood Burke Raven from "VG" 645-lb. dam. Bred to Pabst Comet.

★ Dtr. of Carnation President from 564-lb. 2-yr-old . . . 3rd dam 1511-lb. "Daisy."

★ Dtr. of Carnation Imperial Madcap Lad from 700-lb. "Governor" daughter.

National Sale

FARM SHOW BLDG.
HARRISBURG, PA.

★ Dtr. of Maytag Ormsby Fobes Dictator from 633-lb., 2X dam. Bred to 1000-lb. bull.

★ Dtr. of Curtiss Candy Jolly Jack from 792-lb. 305d, 3X dam.

★ Dtr. of Glenafton Excelsior from 718-lb. "Triumph" dtr. due in August.

★ Dtr. of Hillmac Sovereign from 700-lb., 2X dam bred to Lauxmont Admiral Lucifer.

★ Dtr. of Mallary R. A. Quintessence from 600-lb. dam. Bred to $11,000 "Honeyman."

★ Dtr. of Shaws Dauntless Crete Tidy from "E" 100,000-lb. milk dam.

★ Bred heifer from dam with lifetime total of 167,995 lbs. milk.

— Bulls —

★ Son of famous proven sire from twice 1000-lb. "VG" Newmont Mutual M-O-W May.

★ Gr-son of Baker Farm Dunwood Pride from 1011-lb. 2X "VG" dtr. of "E" 1038-lb. dam.

★ Son of Sir Bess Ormsby Burke Fobes from "VG" 1023-lb. fat dam.

★ Son of Dunloggin King Var from 966-lb. 3-yr-old N. Y. State Champion.

★ Son of Rosafe Centurion from breed's highest testing cow, 932 lbs. fat, 5.76%.

★ Son of National Milk Champion by son of National Fat Champion (1319-2X).

★ Son of Carnation Homestead Revelation from 600-lb., 305 day 3-yr-old.

★ Son of 1029-lb., 2X bull from an 878-lb. 4y, 2X, 4.5% "Revelation" daughter.

★ Son of Pond Gate Mister from 886-lb. daughter of 945-lb. fat cow.

R. Austin Backus, Inc., Sale Managers, Mexico, N. Y.

Calf Raising Methods At WINTERTHUR

By ALLEN POMEROY

A visitor at Mr. H. F. DuPont's Winterthur Farms, Winterthur, Delaware, cannot fail to be impressed with the uniformly good type of the cows in the milking barns: their good heads, toplines, the spring of ribs—capacity. And then further impressed with the size of these Holstein cows.

The consistently good production records of the herd provide evidence of the thought devoted to the selction of foundation animals, and the continued adherence to a sound breeding plan. But breeding alone does not account for the success of the herd. Correct feeding and good management play important roles. And included under the latter is a sound program for developing the calves and yearlings.

Some seventy youngsters are raised each year with an average of about thirty heifer calves started as replacements. The calves get off to a good start.

The management program allows a dry period of about eight weeks for each cow before the next calving, the cow being dried off at the desired time by a final milking on that date. As each cow is dried off, she goes to the dry-cow barn or, if in summer, into the dry-cow pasture.

Shortly prior to calving, the springing cow is placed in a freshly scrubbed box stall. The navel of the newborn calf is painted with iodine and soon thereafter the calf is ear-tagged. The matter of drawing the coat markings for registration purposes is delayed until the calf is four to five months of age at which time the color areas are sharply defined.

Each calf is allowed to nurse its mother once or twice and is then removed to an individual pen in the calf barn. Calves are bucket-fed and started on a ration consisting of half whole milk and half skim milk; the whole milk portion being from the calf's dam.

Newborn calves are weighed and the average calf receives five pounds of milk twice daily. Some calves, depending upon size, receive a larger amount but seldom is more than seven pounds provided at a feeding.

William E. Reed, manager of the herd, feels that it is important to insure adequate vitamin A intake and one capsule with a vitamin A potency of 5,000 units; vitamin D, 500 units; niacin, 50 mg.; and vitamin C, 250 mg., is fed daily for the first three weeks. Scours are not a problem but when they do occur a combination of penicillin and streptomycin is administered intravenously. This same treatment is also administered in case of respiratory infection.

By the age of six weeks the whole milk has been replaced by skim milk warm from the separator, and that is continued until the youngsters are five or six months old. The automatic waterbuckets are turned on when the calf reaches three weeks of age.

A commercial fitting ration is provided the calves right from the first day and is given free choice until the calves leave the individual pens at the age of four or five months. After that the heifer calves are limited to three pounds of grain per day fed twice daily. The fitting ration contains the trace minerals commonly provided for dairy animals.

The feed is purchased in fifty-pound multiwall paper sacks and stored on the second floor of the calf barn. Says Mr. Reed, "We find grain in fifty-pound paper sacks is more convenient to handle. The feed keeps better in that package. We would be delighted if we could receive all of our grain in fifty-pound paper. Then, too, paper bags empty out with no loss of grain sticking in the sacks—and they are easily disposed of."

The choicest early cut mixed hay goes into the calf barn and clear alfalfa hay is avoided. Favored is a mixed hay of alfalfa, brome, timothy, nd clover—either white Kent or alsike, and it is generously fed to keep the calves developing. At six months of age block salt is provided together with a mineral mixture of oyster shell flour, ground bonemeal, and dicalcium phosphate.

While peanut hulls are preferred for bedding in individual pens, straw is used in the pens stabling groups of older calves. The calf barn is ventilated by means of windows which open in at the top. In addition there are exhaust fans which may be used should the humidity become excessive. An electric dehorner is used on all heifer calves when they are from two to three weeks old.

Calves are confined to the barn until five or six months of age and then allowed access to paddocks during the day and at this time corn ensilage is added to the ration. During the winter yearlings receive all the hay they will consume supplemented with grain and ensilage. The heifers are put on pasture at about one year old and receive one pound of fitting ration once daily. They are bred to calve at approximately twenty-six months of age.

Fifty-pound multiwall paper sacks save time and labor when feeding calves at Winterthur Farms.

Offering - -

An "Ideal" — "Chieftain 7th" Herdsire Opportunity

— HIS DAM —

KNOLLWOOD RAG APPLE BARBARA (VG)

His Dam

Knollwood Rag Apple Barbara (VG)

1041 F	3.9%	26732 M	8y	3X	365d
755 F	3.8%	19617 M	6y	3X	365d
825 F	3.9%	21415 M	10y	3X	365d

151,000 M and 5800 F lifetime and starting strong on her 9th lactation.

Classified Excellent in Mammary System, Rear and Fore Udder attachment.

She is from a family of Champion producers.

BARBARA is an own daughter of MONTVIC CHIEFTAIN 7th and a member of our famous Clover family, with one Excellent and two Very Good. She is a ¾ sister to the 1107F 4.4% V.G. KRA MATILDA and a ⅞ sister to the 1327 4% former National 3X Fat Champion KRA GAY. She has a 641F 4% 3 yr. daughter and a 768F 4.8% 4 yr. daughter. BARBARA's sons have always been very popular, going into leading herds where they are doing an outstanding job.

This calf is Ear Tag No. 393, born Feb. 5, 1955. He is about 3/5 black, beautifully marked, straight and broad, yet with that certain dairy refinement that predicts high production. Really, he's one of the nicest developing calves we have ever offered. He is surrounded by literally dozens and dozens of close relatives that fully prove his great inheritance for outstanding type and production.

This calf is sired by our COCHRAN IDEAL, son of the great proven SOVEREIGN COCHRAN. COCHRAN IDEAL is out of the great show heifer COCHRAN SOVEREIGN IDEAL, who, with her Reserve All-American sister, was first prize Produce of Dam at the 1953 New York State Fair. IDEAL's calves are coming through with exceptional dairy character.

This is an unusual opportunity to put your herd out in front with this young herd sire. Pedigree and snap-shot promptly on request.

— His Dam's Sire —

MONTVIC CHIEFTAIN 7th
(VG - GM)
Highest Test Index of Breed.

— His Sire's Dam —

COCHRAN SOVEREIGN IDEAL (VG)
500 F. 3.7% 13589 M. 8y 2X

— His Maternal Sister —

KNOLLWOOD CHIEFTAIN BABBY
(VG)
768 F. 4.8% 16150 M. 4y 3X

KNOLLWOOD FARMS

DANIEL I. MAYNE & SON
Fairport, New York

Ten Miles East of Rochester at N. Y. Route 286 and Monroe-Wayne County Line Road

The Wait Farms Dispersal

200 REGISTERED HOLSTEINS

• 100 Milking Age Females • 35 Heifers Bred for Fall

• 50 Open Heifers & Calves • 15 Bulls including the Herd Sires

42 YEARS OF CONSTRUCTIVE BREEDING

More than 30 sires proven . . . Many times Premier Breeder at New York State Fair (including 1954) . . . Many, many 100,000-lb. cows Bred and Developed . . . 3 Times Received the Progressive Breeder's Registry Award . . . 26 Consecutive Years in H. I. R. Test . . . Classified 4 times including 1954.

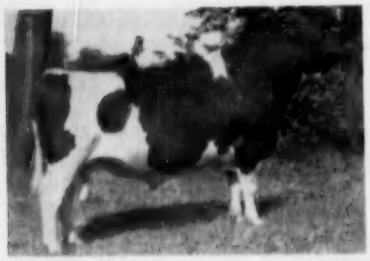
BANG'S CERTIFIED — CALFHOOD VACCINATED — T. B. ACCREDITED

Blood Tested within 30 days of Sale — Eligible for Any State!

•

Some of the Great Holsteins in the History of the Herd.

The present herd traces directly to them.



CORNUCOPIA LAD POSCH (EX-GM)
Sire of type and production. Grand Champion at many shows including New York State Fair (twice), Eastern States; Jr. Champion at C.N.E.; nominated for All-American Aged Bull, 1937.

CORNUCOPIA LAD WARDLAW (EX)
Son of Corn. Lad Posch (pictured at left). Jr. Champion at New York, 1937, one of the years his sire was Grand Champion. 1st 2-yr-old at New York, Eastern States. Hon. Mention for All-American, 1937; sire of many show winners.

WIMBLEDON INKA VEEMAN EMPEROR (VG-GM)
A son of Carnation Emperor and with 3 crosses to Sir Inka May. Sire of "Mamselle" (pictured below). Many of the females selling carry much of his blood, and he has daughters selling.

BEAUFORT BELLE ABBEKERK (EX)
5y 365 2X 19,853 4.1 807.4
Perhaps our greatest foundation cow, she was a member of the Dairy Herd that won from the great Baker Farms Dairy Herd the only time it was ever beaten. Dam of two former herd sires.

WAIT FARM MERCEDES ORMSBY JUDGE (EX)
Son of the "Gold Medal" Wisconsin Sir Wellington Pride (developed in the Wait herd) and from the great Jonnbell Anita. Twice nominated for All-American, 1st at many shows, 2d to King Bessie Senator at the 1938 National.

WAIT FARM REGAL MAMSELLE (EX)
11 Lactations: 209,908 milk, 7298.3 fat (only 1 lactation 3X). Dam of Harden Farms Deen Four (SMP), Harden Farms King 42, Harden Farms Pledge Progressor—all plus proven at high level. Her dam by Wisconsin Sir Wellington Pride (Ex-GM).

A HERD BUILT ON A GREAT FOUNDATION

-- Auburn, N. Y. -- MAY 16 & 17

A POWERFUL HERD SIRE BATTERY SELLING

On this page — Our Son of "Burke" . . . Our Son of "Raven"

WEBER BURKE PEPPER (VG)

858842 — Born July 27, 1942

All Plus Proven on 38 Pair in HIR

Own son of WISCONSIN ADMIRAL BURKE LAD and WEBER PINKY JUNE (VG), a daughter of WISCONSIN PINKY (Ex) with 2X records to 500.6 fat 3.8% at 9 years; her dam twice Grand Champion and Member of 1st Dairy Herd at Ogden, Utah. This BURKE-PINKY cross has worked wonderfully.

PEPPER is classified Very Good and on 38 Pairs in HIR he increased daughters over dams by 270 Milk .08% and 18 Fat.

42 DAUGHTERS & 2 SONS SELL WITH HIM

. . . 26 Daughters Selling Have Completed Records to 675 lbs. fat on 2X (17 from 404 to 675 fat).

. . . 4 Daughters Milking with First Calf

. . . 8 Bred Heifers . . . 6 Open Heifers . . . 2 Sons

. . . 10 Head Carrying His Service

— And Many Other Descendants Selling —

ZARNOWSKI RAVEN WAYNE STAR

1170756 — Born Sept. 11, 1951

5 CROSSES TO BURKE — 2 TO PINKY

WHAT A PEDIGREE!

(See it in outline on the next page)

. . . 20 Daughters Selling — A Few of the Oldest Are Bred — Some from Daughters of Pepper

. . . 5 Well Bred Sons Sell With Him

. . . 22 Selling Are Bred to Him

WE CAN'T SAY ENOUGH ABOUT HIM!

Examine His Pedigree — Examine His Daughters AND BUY HIM

R. AUSTIN BACKUS, Inc.

Sale Mgrs. **Mexico, N. Y.**

The Sire of Pepper

WISCONSIN ADMIRAL BURKE LAD (VG-GM)

A Maternal Sister to Pepper

WEBER DOUBLE CAMEO

WEBER HAZELWOOD BURKE RAVEN (EX-GM)

PABST REBURKE PAUL WAYNE (VG-GM)

TURN PAGE

TURN PAGE

Outline Pedigree of

ZARNOWSKI RAVEN WAYNE STAR 1170756 (Selling)

WEBER HAZELWOOD BURKE RAVEN (EX-GM)
Pabst Farms Herd Sire

- **WEBER BURKE HAZELWOOD (VG)**
  - **WISCONSIN ADMIRAL BURKE LAD (VG-GM)**
  - **WEBER PINKY HAZELWOOD (VG)**
- **WEBER BURKE CRICKET (EX)**
  - **WISCONSIN ADMIRAL BURKE LAD (VG-GM)**
  - **WEBER BURKE MAY (VG)**

ZARNOWSKI PAUL STAR

1-10	278	2X	11401	3.8	429.4
2-9	325	2X	14305	3.6	520.2
3-9	318	2X	17527	3.6	630.3

- **PABST REBURKE PAUL WAYNE (VG-GM)**
  - **PABST REGAL (EX-GM)**
  - **PABST BURKE PAUL WAYNE**
    7 305 3X 24057 3.9 942.9
- **ZARNOWSKI BABE STAR (VG)**
  6 330 2X 18038 3.6 644.1
  5 300 2X 16314 3.5 577.6
  - **MEIERKORD SIR TRIUNE BABE (VG-SMP)**
  - **ZARNOWSKI WHITE STAR DE KOL (GP)**
    445.9 523 568.3 fat at 2, 3 & 4y—2X

See Preceding Page for other Details

Another One of the Impressive Herd Sires Selling - -

— HIS DAM AND HER RECORDS —

← JONABELL DIANA

2-2	305	2X	10,219	4.1	418.5	AR
3-3	365	2X	12,900	3.9	497.5	AR
4-5	305	2X	12,600	3.8	479.7	AR
5-6	305	2X	13,304	3.8	506.3	AR
6-7	305	2X	12,970	3.8	492.4	AR
7-9	305	2X	14,363	3.9	567.3	AR
8-10	312	2X	12,386	3.7	457.4	AR
9-11	305	2X	9,206	3.8	345.5	AR
10-11	305	2X	11,033	3.8	420.6	AR
12-0	305	2X	11,679	3.7	427.2	AR
13-1	365	2X	10,321	3.5	366.3	AR
11 Lacts:		2X	130,981	3.8	4978.7	AR

JONABELL BATTLEGROUND

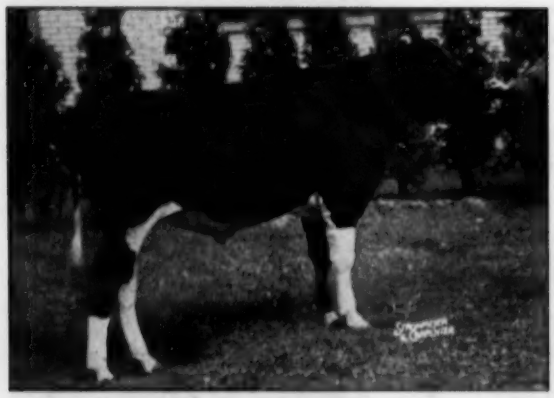
1132984 — Born Feb. 5, 1951

By Jonabell Sculptor who has 4 crosses to Dunloggin Deubler, inbred son of Lashbrook Pearl Ormsby. Diana, dam of Battleground, is one of the 3 most famous daughters of Ivy Bower Marigold. Diana too is by Deubler. This is a combination of the great breeding of the Jonabell herd.

19 Daughters — 1 Son selling With Him
A Few of the Oldest are Bred.
12 Head Bred to Him.

Still Another Top Herd Sire Selling - -
ROBENSTEAD SUPREME CARNATION 1150782

Selling with 13 Daughters and 2 Sons



ROBENSTEAD SUPREME CARNATION
First Prize Jr. Yrlg. New York State Fair, 1952.

This marvelous young sire (born April 29, 1951) has an inheritance for both show type and production. His paternal sisters have won numerous classes at New York State Fair, making up the 1st Prize Jr. Get of Sire in both 1953 and 1954.

Sire: **ILLEHEE SUPREME SOVEREIGN 1076590**
Classified "Excellent"
1st Aged Bull (at 3y), Sr. and Grand Champion, N. Y. State Fair, 1952; 1st 2-yr-old and Res. Grand Champion, N. Y. State Fair, 1951. Nom. for All-American, 1952. By Spring Farm Sovereign Supreme (XXX), 3 times All-American son of Sovereign, from a Res. All-Canadian daughter of the $14,000 Spring Farm Lochinvar.

Dam: **ROBENSTEAD C A CONSTANCE 2755761**
A show heifer with 2X records under ordinary conditions to 517 fat 3.9%. She by Carnation Ammunition, an 1105-lb. son of Carnation Governor Imperial.

22 Head Bred To Him

MAY 16 & 17 - - *Auburn, N. Y.* - -

11 Daughters of HARDEN FARMS DEEN FOUR (SMP)

— A Typical Daughter of Deen Four —

WAIT FARM DEEN VAR KREMOLINE

2½y	343	2X	11,139	3.7	412.6	HT
3½y	365	2X	16,726	3.7	619.9	HT
6y	337	2X	15,374	3.9	606.3	HT

Selling with a daughter.

DEEN FOUR, a Silver Medal Proven Sire on HIR, was by DUNLOGGIN DEEN VAR (VG) and from WAIT FARM REGAL MAMSELLE (Excellent—209,000 lbs. milk) who is pictured on page 1 of these 5 pages. He did a marvelous job in our herd.

— His Daughters Selling —

1.	2y	318	2X	11,428	3.6	414.8
2.	4½y	365	2X	14,369	3.7	529.6
3.	2½y	332	2X	12,281	3.4	416.1
4.	3½y	365	2X	17,900	3.5	619.3
5.	Pictured at left					
6.	3½y	365	2X	19,072	3.6	680.4
7.	3½y	365	2X	14,289	4.3	613.0

And 4 others selling, including 3 Bred heifers. These are members of some of our most important cow families.

21 Daughters of DUNLOGGIN ALL-VAR (Very Good at 11 Yrs.)

— A Daughter of All-Var —

WAIT FARM ALL-VAR IDENA

8y	355	2X	16,512	3.7	618.6	HT

Other records including 491.9, 542.5 and 590.6 fat. Due in late summer to SUPREME.

Son of Montvic Lochinvar and the $7900 Woodmaster (GM) daughter, DUNLOGGIN MISTRESS PAPOOSE (VG). ALL-VAR DAUGHTERS SELLING INCLUDE:

1.	3y	365	2X	11,107	4.2	461.3
2.	4y	365	2X	15,975	3.4	539.8
3.	Pictured at left					
4.	3½y	365	2X	11,028	4.3	477.1
5.	2½y	365	2X	10,406	3.6	371.2
6.	3½y	305	2X	12,871	3.5	452.8
7.	5y	365	2X	13,590	3.4	458.9
8.	6y	350	2X	12,885	3.6	468.4
9.	4y	365	2X	14,040	3.7	523.7

All-Var sired many show daughters and sons including the famous "Sister" who was 1st Sr. Yrlg. Heifer, N. Y. State Fair, 1951, and 1st at the same fair the year preceding. All-Var also sired the "Excellent" Laddie bull (selling) who has been many times 1st prize and Grand Champion Bull in 1954 at New York.

Friends — We've Hardly Scratched the Surface

Turn the page for more on this Dispersal of 200 Registered Holsteins

J. REYNOLDS WAIT
Owner — Auburn, N. Y.

R. AUSTIN BACKUS, Inc.
Sales Mgrs. & Auctioneers — Mexico, N. Y.

The Wait Farms Dispersal

The Wait Farms Dispersal - MAY 16 & 17

10 Bred Heifers & Milking 2-yr.-olds by

WAIT FARM ADMIRAL BURKE HAWK

A show son of Weber Burke Pepper, he placed 2nd to the Grand Champion at the 1949 N. Y. State Fair as a 2-yr-old. Sire of many show winners, including 1st Prize Jr. Get at N. Y., 1951. His dam was one of the top daughters of Wait Farm Mercedes Ormsby Judge (Ex).

Grand Champion Selling

WAIT FARM ALL-VAR LADDIE (Ex.)

Grand Champion, N. Y. State Fair, 1954

He is by All-Var (VG) from one of our top families. He has 8 daughters selling — young cows and bred heifers. See his picture on page 32 of the April 2, WORLD.

AND MANY OTHERS

Including daughters of MONTVIC PATHFINDER PROGRESSOR with records to 629 fat, 17,460 milk, 2X; milking 2-yr-olds by our "King Pin," son of All-Var; two top daughters of HARDEN FARMS KING PROGRESSOR and the first calf to arrive by our son of PABST REGAL (EX-GM).

WAIT FARM PABST RAVEN SWEETIE
1st Jr. Heifer Calf, N. Y. State Fair, 1954. An example of the splendid calves by the Raven son — you will like them. Her dam an All-Var with 471.3 fat 4.2% 2X at 3y.

HEIFERS

Many of these bred and open heifers are simply "out of this world" — a lovely group.

The herd is built on strong families aided by the use of strongly bred sires. Pepper, the Raven son, and the Regal son carry on the breeding of the foundation "Ormsby" sires. All-Var and Battleground go back to some of these same foundations. The "Supreme" sire brings back the Carnation line started with Wimbledon Inka Veeman Emperor.

—42 YEARS OF CONSTRUCTIVE BREEDING—

WAIT FARM K P DEMANDA
A "King Pin" daughter out of a Deen Four daughter with records to 529.6 fat 3.7% 2X at 4½y. A daughter by "Supreme" sells also.

200 Registered Holsteins - -

ELIGIBLE TO GO ANYWHERE

100 MILKING AGE FEMALES
85 Bred & Open Heifers & Calves
15 Bulls including the Herd Sires

A FEW OF THE TOP YOUNG BULL PROSPECTS . . .

WAIT FARM SUPREME DANCER
Born Sept. 13, 1953
He is bred to 22 head — a son of SUPREME from the BALLERINA cow pictured. A show winner.

WAIT FARM PABST REGAL MANDATE
Born Jan 3, 1953
By PABST REGAL (EX-GM) from a daughter of Laddie.

WAIT FARM A B H LADDIE
Born July 3, 1952.
Another show prospect — by HAWK from a 513-lb. Rushmore daughter who is maternal sister to Laddie.

Also . . . Selected sons of RAVEN WAYNE STAR and JONABELL BATTLEGROUND.

Final Details in the May 7 WORLD

J. REYNOLDS WAIT
Owner
Genesee St., AUBURN, N. Y.

Send 50c for Catalog
by 1st Class Mail

R. AUSTIN BACKUS, Inc.
Sale Mgrs. & Auctioneers
MEXICO, N. Y.

— A DEEN FOUR —

WAIT FARM DEEN VAR PHONIA

2y	365	2X	12,998	3.8	493.9
3½y	365	2X	19,072	3.6	680.4
5y	333	3X	14,628	3.9	572.9

A daughter also sells.

WAIT FARM T R AMANDARENE
4y 365 2X 13,385 3.8 513.8
Dam of a Deen Four daughter with two 500-lb. records. Another daughter also selling. Her grandson by PABST REGAL sells.

— A DEEN FOUR —

WAIT FARM DEEN VAR BALLERINA
5½y 365 2X 17,586 3.5 624.3
One of the tops — daughter of Beaufort Belle Abbekerk (famous foundation cow). She has 2 daughters selling with her. Dam of WAIT FARM SUPREME DANCER (selling) who is bred to 22 head.

This Month's Offering . . .

A "Select Pedigree" Son of "Crusader"

PABST ROAMER CRUSADER is our senior sire, by Pabst Roamer (E-GM) from Pabst Regal Canary, 1141-lb. fat 4.3% second-highest record daughter of Pabst Regal (E-GM). We are mating his outstanding young daughters to Leader, Raven, Regal and other Pabst Farms Gold Medal sires.

ROEHL SIR ROGAL PABST 1248981

Born Sept. 27, 1954.

His 7 nearest dams average:
363d 21394 Milk 815.4 Fat
1 dam over 1100 lbs. fat.
2 dams over 900 lbs. fat.
His own dam a 607-lb. daughter of Regal from a 642-lb. VG daughter of Burke.
6 Gold Medal Sires:
1 cross to Pabst Roamer
2 crosses to Pabst Regal
3 crosses to Wisconsin Admiral Burke Lad

Willow Hollow Farm
EDGERTON Route 2 WISCONSIN
On Highway 106 between Fort Atkinson and Edgerton
ROEHL BROTHERS LYLE OGDEN, Mgr.

CERTIFIED — ACCREDITED — CALFHOOD VACCINATED

Please write for pedigree, picture, and price of this "Preferred Pedigree" bull calf.

National Holstein 4-H Champions Named

For the first time since 1924, the National Holstein Champion 4-H Girl and Boy, recently named by the Holstein-Friesian Assn. of America, are from the same state. Winners of the award, bestowed annually by the Association as the highest recognition given junior breeders, are Gretel Findeisen, Garrattsville, and Harold Miller, Ancramdale, New York. Both Gretel and Harold have been New York State champions—Gretel in 1954 and Harold in 1953—and each competed against 24 state champions for the national honor..

In recent years the Association has named a boy and girl production record champion concurrently with the honor, basing this award solely on authenticated production records from 4-H animals. This year's girl record winner was Margie Ann Sutphin, Chantilly, Va., the Virginia champion girl entry. Harold won both record and championship awards in the boys' division.

Gretel Findeisen

A 10-year veteran of 4-H work, Gretel at 18 is now a freshman in the Oneonta (N.Y.) State Teachers College. She has completed a total of 77 4-H club projects, raising 13 registered Holsteins, most of these descendants of her original Holstein calf. She also completed extensive project work in pheasants, forestry, sewing, crafts, foods, and leadership. She is a daughter of Mr. and Mrs. J. W. Findeisen.

Gretel is a skillful and competitive judge of dairy cattle and an expert showman with many winnings to her credit. She attended the National 4-H Club Congress in Chicago in recognition of her state winnings in Dress Revue. On the home farm she has had a big influence and has taken an active part in the building of the present purebred herd. She has been an outstanding 4-H junior leader.

Harold Miller

Harold is the son of Mr. and Mrs. Clifton Miller and is already a Holstein breeder with 58 head, over half the entire home herd of 110 head which he and his father own in partnership. The overwhelming factor in his winning was the manner in which he has developed a producing herd of registered Holsteins from a 4-H start, and at the same time literally built a farm to go with them.

In 10 years of 4-H work Harold has built barns, bull pens, an equipment shed, and a milk house. He has improved pastures, placed the entire farm on crop rotation and soil conservation. He completed 236 DHIA records as a 4-H member.

Harold attended the National 4-H Club Congress as New York Dairy Achievement winner. He was named top Dairy Farm Boy for the nation at Kansas City by the FFA.

After his start with a single calf in 1942, Harold compiled a great record of demonstrations, showing, judging (he was a member of the New York team at the National Dairy cattle Congress in Waterloo, Iowa), and community leadership. He is a Danforth Foundation award winner.

Both young people will receive a placque in recognition of their new honor and will attend the Annual Convention of The Holstein-Friesian Association of America in Philadephia this June as Association guests.

GRETEL FINDEISEN
National Holstein Champion 4-H Girl.

HAROLD MILLER
National Holstein Champion 4-H Boy.

A Top Son of Fond Hope --- to the Canadian National

By Juliette's Brother out of Her Best Sister

HIS DAM

EVERMOT PATHFINDER ORMSBY (VG)
6y 365d 2X 21,524 4.10% 883
Our favorite cow next to Juliette, she has been a member of the Res. All-Can. Get for 4 years. Over 100,000 lbs. of milk herself, she has a daughter well on the way with records to 638 fat on 2X.

HIS SIRE

SPRING FARM FOND HOPE XXX
He has been nominated for All-Canadian every year and has been All-Canadian 3 times and Res. All-Canadian once. He was leading sire of All-Canadians in 1954. The sire of 10 "VG" daughters as 3-yr-olds, he has Jr. 2-yr-old daughters with records to 622 fat on 2X.

Here is a top son of Spring Farm Fond Hope (with true type markings) and he is out of one of our favorite cows. His dam, pictured, is a paternal sister to our great Juliette and has been with her in 4 Res. All-Canadian Gets; she has been with her in the class for the 3 best uddered cows at the Royal and has herself been third cow in milk at the Royal in 1952. She was third at the C.N.E. in 1950 and '52 and was first 3-yr-old in milk at the C. N. E. and was nominated for All-Canadian. She has 3 records over 20,000 milk and is making another great record this year. A full sister to the bull going to the sale made 595 as a jr. 2-yr-old on 2X and was 1st prize 2-yr-old in milk at the C. N. E. in 1954. **See and buy this bull at the Canadian National Sale on May 16th at Oakville, Ontario**

J. M. FRASER and Sons

SPRING FARM HOLSTEINS **R. R. 3** **STREETSVILLE, ONTARIO**

9th Northeastern Pa. Breeders' Sale

TUESDAY 11:00 a. m. APRIL 26

Tunkhannock, Pennsylvania

At the NEPA Artif. Co-op barns in the edge of the village on Routes 29 and 309, Wyoming Co., Penna. 49 miles south of Binghamton, N. Y., 24 miles north of Wilkes Barre, Pa.

60 Selected Registered Holsteins

20 Cows & Heifers, fresh or close — 30 Bred Heifers, mostly due in fall

10 Open Heifers

All Bang's Certified — All T.B. Accredited — Mostly Calfhood Vaccinated

. . . A carefully selected group to uphold the tradition of these fine sales. Cows with records to 18,000 lbs. milk and over 600 lbs. fat on 2X. Daughters of sires popular throughout this area, both privately owned and others in service with the NEPA. From the best herds of Northern Pennsylvania.

R. Austin Backus, Inc.
Sale Mgrs. & Auctioneers
Mexico, New York

Clayton Sharpe, Chm,
Laceyville, Pa.
Secretary, RUSSELL DAYTON, Montrose, Pa.

Sale under cover — Lunch Available — Catalogs at Ringside

THE NATIONAL SALE

Canada's Oldest Annual Auction

Monday MAY 16th

Selling at

HAYS SALES ARENA

TRAFALGAR, ONTARIO

(on No. 5 Highway, 20 miles west of Toronto, 2 miles north of Oakville)

Monday MAY 16th

FIFTY Females selected from previous and some entirely new consignors assure one of the finest National sale offerings ever presented, including several sensational show prospects.

The five male offerings are each outstanding individuals from sires and dams whose breeding, performance and individuality inspire highest confidence.

(See the next two pages for further details)

And On The Day Following, The—

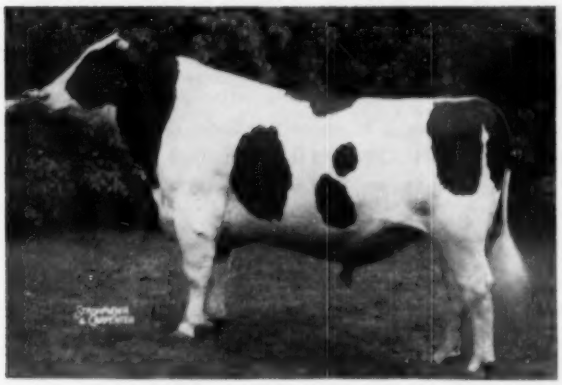
REGASBORNE HOLSTEIN SALE

The herd of OSBORN L. SAGER, St. George, Ont.

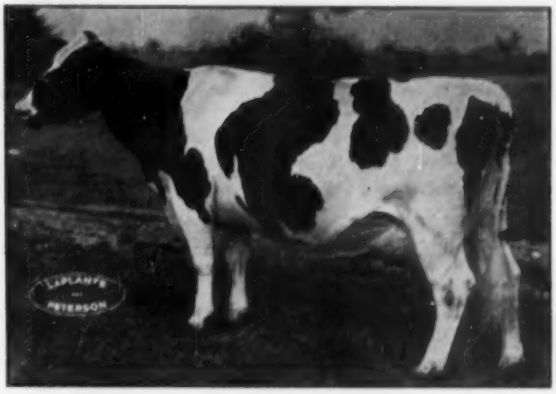
At Hays Sales Arena, Trafalgar, Ontario

TUESDAY, MAY, 17 AT 1 P. M. — 50 HEAD

TWO SONS OF DUKE'S WORLD CHAMPION DAUGHTER SELLING



MONTVIC RAG APPLE DUKE (XXX)
Reserve All-Canadian son of Lochinvar and Emily (*Ex). His first 20 tested daughters have 81 records averaging 14,282 milk, 3.99%, 570 fat. His 38 graded daughters are 79% Good Plus or better. The sale is made up almost entirely of granddaughters and great-granddaughters of Duke.



REGASBORNE RAG APPLE GOVERNESS (*Ex)
Duke daughter with two World championships and up to 30,583 milk, 3.69%, 1128 fat — now over 150,000 lbs. on her 7th lactation. She has sons in the Quinte and Kemptville Units and two are selling: "Gentleman Duke" a most impressive 2-yr-old Herd sire, and Regasborne Fond Hope, a June '54 bull by Spring Farm Fond Hope (XXX).

An offering of young cows and heifers that will be of value to any breeder. The buyer has an opportunity to obtain foundation stock that is the result of a successful long-time policy of linebreeding.

HAYS FARMS LIMITED, Sale Managers

OAKVILLE — P. O. Box 470 — Phone: Victor 5-0571 — ONTARIO

NATIONAL HOLSTEIN SALE —

5 MALES & 50 FEMALES OF CANADA'S BEST

Selling at HAYS SALES ARENA — OAKVILLE, ONTARIO

The five males selling merit particular attention of discriminating breeders — a choice from herd sires of equal calibre has seldom been equalled. For catalogues by mail, send 50c with request to the Sale Managers — HAYS FARMS LIMITED, Box 470, OAKVILLE, ONTARIO.

From ROSAFE FARMS - -

Rosafe Pericles (Male) Born January 5, 1955. By the sensational breeding **A.B.C. Reflection Sovereign (XXX)** who now has 6 *Excellent daughters, his dam is **Walhill Harriet Inka (V.G.)** the Rosafe brood cow that has produced several of the greatest show cattle of recent times. Already she is the dam of two Excellent, one Very Good and two Good Plus offspring — **we don't believe any bull has a greater prospect of having three *Excellent full sisters than does Rosafe Pericles.**

From GLENAFTON FARMS — Three Headliners

Glenafton Royal (Male) Born November 18, 1954. His 3 nearest dams average **19,899 — 897 — 4.51%.** By **Rosafe Centurion (XXX)** his dam is the Vee Rag Apple Hartog daughter retained at Glenafton **"Laurel Vee B"** with 639 lbs. fat at 2 yrs. and three other records from 826 to 871 lbs. fat. A daughter was 1st at the 1949 Royal, full brothers sold at $6500 and $6000., a full sister (Laurel Vee) is Vermont 2X champion with 960-lbs. Her dam has 3 records over 900 lbs. fat, and the next dam has 967 lbs. fat.

Also two sensational heifers bred to "Centurion"

GLENAFTON COUNTESS PATSY PIETJE D.

Maternal sister to the $2100 Glenafton Refiner, she is a daughter of the $8000 All-Canadian **"Nugget"** from the **"Patsy"** family with 2nd and 3rd dams both *Excellent and over 1000-lb. average. **Bred to Centurion.**

GLENAFTON L. BONHEUR JASMINE

Her 7 nearest dams average: 23,194 - 4.14% - 960. She is an **"Engraver"** daughter, he with type average of 85% GP or better and daughters up to 727 fat at 2 years; next dam 957 fat; 3rd dam 1167 fat. **Bred to Centurion. Her dam has 639 lbs. fat at 2 yrs.**

From J. M. FRASER - -

Spring Farm Fond Pabst (Male) Born September 1, 1954. By **"Fond Hope"** his dam is **Eveermot Pathfinder Ormsby (VG)** perennial show winner, Member of 4 Res. All-Canadian "Gets", with 6y 365 2X 21,524 4.10% 883 lbs. fat and now over 100,000 lbs. Also from Spring Farm, a 3-yr-old in milk with 2y 365 2X 16,585 3.93% 651 lbs. fat by **Lonelm Texal Highcroft (XXX).**

From ROCKWOOD HOLSTEINS LIMITED - -

Rockwood Robaron (Male) Born July 11, 1954. His three nearest dams average **22,917 4.04% 925 lbs. fat.** His 2 nearest dams are both daughters of **Amulree Baroness Pietje (VG)** with three records average: **29,382 3.84% 1122 lbs. fat** and 5 daughters with **World Record average of 19,733 4.05% 800 lbs. fat.**

From ROMANDALE FARMS LTD. - -

Romandale Annuity (Male) Born October 4, 1954. By **A.B.C. Reflection Sovereign (XXX)** his Very Good 4% dam was 1st 3 yr. in Milk at Peterboro Championship Show, 1954, and York Black & White. Her dam in turn is **Glenvue Rilla Top Grade, *Excellent, Reserve All-Canadian Aged Cow, 1951.** This is a Senior Calf for the Fall Shows with few equals, and should breed the same way.

Also from Romandale — **Sparlyn Sovereign Dale** — 2y 365 3X 13,977 3.99% 558 lbs. Fat. A real top daughter of **A.B.C. Reflection Sovereign** of **Montvic Rag Apple Ajax** breeding on the dams side — bred to **Lonelm Texal Highcroft (XXX). A real Head-liner!!**

HAYS FARMS LIMITED, Sale Mgrs. — Oakville, Ontario

MAY 16TH AT 12 NOON

Fourteen especially choice females of milking age including several sensational prospects for the strongest shows in America — 36 bred heifers with superior type and pedigrees, carrying service to sires selected as the best by Canadian breeders.

A FEW OF THE MANY NOTABLES

From J. W. Greenwood, Maple — ROELAND FOND MARY, a July heifer calf by "Fond Hope" out of the twice Honor List Roeland Rag Apple Cherry with Jr. 4, 2X; 21,532 — 3.85% — 828; next dam the champion Roeland Cherry Re-Echo R. A. (*Ex), now in her 9th lactation adding 80 lbs. per day to her 155,046 lbs. of 4.59% milk on 2X.

Alan J. Alderson, Hamilton — ALDERLEA PANSY DEW-DROP, 2-yr-old for the fall shows and a **good** one. Maternal sister is *Excellent with **5y 305 2X 27,458 1097 lbs.,** the highest 2X *Excellent cow in Canada. Dam is a well-known show cow, Very Good with 3y 17,548 662 lbs. Fat.

Leo A. Baker, Lambeth — BAKER FAYNE RAG APPLE (V.G.)and a strong *Excellent prospect. 2nd at London Champ. Show, 1954, her sire is **Rockwood Rag Apple Romulus (XX)** and due in August to Raymondale R. A. Finest (XX).

Jack L. Innes, Stratford — CLOVERDALE SUSIE SOVEREIGN (VG). A top show prospect by Houckholme Sovereign Rag Apple. Her dam is also Very Good, was 2nd at the Royal, 1951, has 3y 305 2X 14,941 3.88% 580 lbs. fat. Nominated for All-Canadian and sold to Ohio, where she had a very successful show career. Will be fresh to Shore Count Supreme.

T. D. Boyce, Woodbridge — GLENVILLA RAG APPLE CONQUEROR 4-yr-old granddaughter of **Emperor of Mt. Victoria.** One of several "tops" from entirely new consignors. She has 3y 305 2X 12,095 3.73% 451 lbs. fat, her dam with over 19,000 lbs. on 2X. Due in July to Bond Haven R. A. Maple.

John M. Grieve, Wilton Grove — NEWLANDS SOVDAR MAXINE 2-yr-old by Shore Sovereign (XXX) bred to Springbank Vanguard — World Champion dam. The dam is his best brood cow, now over 100,000 lbs. A maternal sister has 3 Honor List records, and a full brother is the Newlands Junior sire. "Maxine" was 1st Jr. Yrlg. at Middlesex B & W, 1954.

Among the best — Three really choice 2-yr-olds by Pabst sires, from Roy C. Warwick, & Geo. S. Elliott & Sons. You will like them — everyone else does.

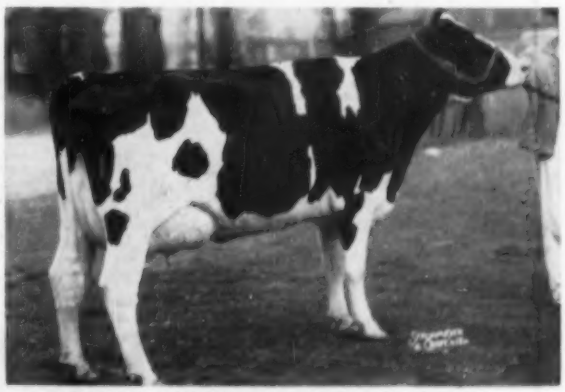
A sister to DUNURE DIXIE ROCKETTE sells. Dixie was 1st at the Royal and Res. All-Canadian Sr. Yrlg., 1954. Her sister selling, DUNURE TEXAL ROCKETTE, is the first milking daughter of Rockwood Vegatoi Rocket. You will like her beautiful udder and the Rockwood "scale."

From **Bertram Hoskin, Cobourg.**

GLENALCOMB PABST POSCH MAE (VG) — Sells
A strong prospect for *Excellent, due right for the fall shows to Pabst Walker. At 2y 365 2X: 12,948 - 4.1% - 531; 3y 305 2X: 12,606 - 4.36% - 550; and 16,000 lbs. of 4.5% just finished at 4 years. Her dam topped the Elroth Dispersal at $1100, has 19,480 - 4% - 788 at 4 years, 2X and has sisters with 664 and over 700 fat.

ROCKLAWN BEULAH (VG) — Daughter sells
A recent picture of the Reserve All-Canadian 3-year-old, 1952. 3y 365 2X: 16,406 - 4.47% - 733. Her daughter by the son of an *Excellent dam sells, due in September to Elmcroft Hartog Sultan. Consigned by K. E. Holliday, Brooklin.

A Sensational 3-yr-old Maternal Sister Sells



MAYCLIFF REFLECTION SNOWFLAKE (VG)

First 3-yr-old in Milk, Grand Champion at the Royal, and All-Canadian 3-yr-old, 1954. Her "Fond Hope" maternal sister sells, and some like this one even better. Bred right for the fall shows and the Royal to A.B.C. Midnight Joe (XXX) by Reflection Sovereign.

HAYS FARMS LIMITED, Sale Mgrs. — Oakville, Ontario

Glenafton . . .

Consigns to the Canadian National Sale — May 16th

A Great Young Herd Sire Prospect

— and 2 Foundation Heifers

SELLING

Glenafton Royal

A Royal Herd Sire

GLENAFTON ROYAL
Born Nov. 18, 1954

His sire: **ROSAFE CENTURION XXX,** by Inka Supreme Reflection XXX and out of Glenvue Nettie Jemima (*Ex)—All-Canadian Aged Cow, 1954, 5 times nominated for All-Canadian Aged Cow — at 9 years in 365 days she produced on 3X 24,012 milk, 3.64%, and 873 fat and she has a 7 lactation total of 134,986 milk, 3.72%, and 5,024 fat.

His dam: **GLENAFTON LAUREL VEE B (GP),** a member of the 1st Jr. Get at the 1948 Royal Winter Fair. She has 3 records 826 fat to 871 fat including a 3-yr-old 365 day 3X record of 17,887 milk, 4.77%, and 853 fat. At the present time she is making her highest record. Laurel Vee B is one of the 2 great full sisters, the other full sister being Glenafton Laurel Vee (GP) with 5-0 3X 365d 20,813 milk, 4.75% and 989 fat and recently she established a Vermont State record on 2X with 21,131 milk, 4.5%, 960.9 fat at 8 years. Her full brothers, Glenafton Highmark and Glenafton Booster sold at auction for $6,000 and $6,500 respectively. This remarkable family are sired by Montvic Rag Apple Marksman XXX Extra and out of Vee Rag Apple Hartog (GP) with 3 records from 910 to 947 fat. She is a daughter of Montvic Chieftain 7th and out of one of Chieftain 7th's greatest breeding daughters, Pebble Beach Vera Secunda (VG) with 21,035 milk, 4.6%, and 967 fat at 4 years.

These Heifers Sell —

The two heifers consigned are calfhood vaccinated and are from our Jasmine and Patsy families. They are both bred to Rosafe Centurion XXX.

Glenafton L Bonheur Jasmine — born March 10, 1953. Her 7 nearest dams average 23,194 milk, 4.14%, and 960 fat and she was bred Dec. 8, 1954. Her sire is Glenafton Engraver and her dam is Glenafton Laurel H. Jasmine (GP) — 2y 365d 3X 13,779m 4.64% 639f —by Marksman out of Glenafton Holly Jasmine (GP) with 3 records from 911 to 957 lbs. fat. Next dam is Very Good with 21,791m 3.67% 1167f 365d 3X.

Glenafton Countess Patsy Pietje D — born Jan. 1, 1953. Her 3 nearest dams average 22,525 milk, 4.10%, and 910 fat and she was bred Jan. 12, 1955. Pietje D is a daughter of Glenafton Nugget, the top animal in the 1953 Sale of Stars at $8,000 and a son of Marksman out of an Excellent dam with 24,871 milk, 4.05%, and 1008 fat. Her dam is Glenafton Laurel Patsy Pietje D (GP) — 4yr 365d 3X 17,837m 4.19% 748f, a daughter of Marksman out of Montvic Patsy Pietje (*Ex) with a 7 lactation total of 153,407 milk, 4%, and 6,170 fat, including a 10-yr-old record of 24,869 milk, 3.92%, and 976 fat. The next dam, Montvic Hiemke Rag Apple Patsy (*Ex), former World Record 4-yr-old and All-Canadian 4-yr-old with 24,466 M., 4.75%, 1163 f., 365d, 3X.

GLENAFTON FARM — ALLISTON, ONT., CANADA

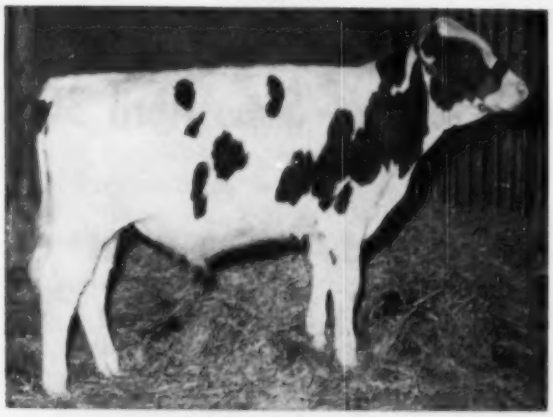
J. J. E. McCAGUE, Owner — **MORT BUTCHERS, Herd Supt.**

Accredited & Vaccinated

Rockwood Robaron - -

to the Canadian National Sale

— SELLING —



ROCKWOOD ROBARON
Born July 11, 1954, a top Sr. Calf for the 1955 Shows. His sire and his dam won both grand championships at the 1954 Provincial Exhibition, Brandon, Manitoba.

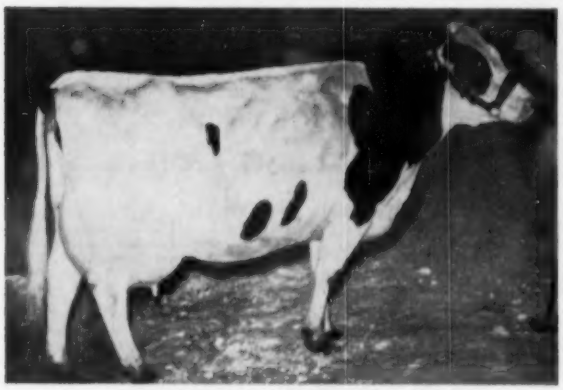
Trafalgar, Ont. — May 16, 1955

— A Double "Baroness Pietje", From Her "Sky Rocket" Daughter And By Her XXX Grandson —

His 2 Nearest Dams Are Pictured Below

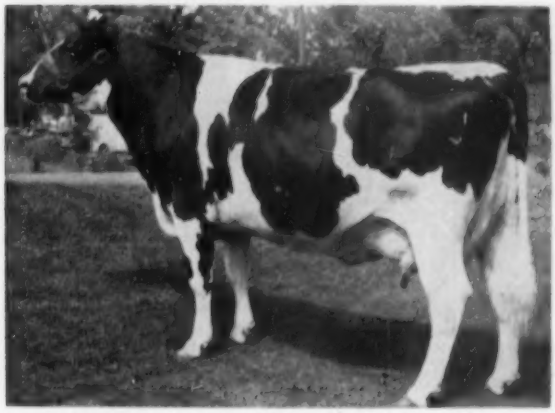
Both are daughters of "Baroness Pietje" (VG) that produced 32,080 milk, 3.92% and 1259 fat in 365 days on 3X at 9 years, and in 3 consecutive 3X lactations made 3381 fat. She is still alive at 18 years. She calved on June 9, 1954 and we believe she is in calf again. Her five tested daughters average 19,733 milk, 800 fat, 4.05%, said to be a world's record.

— HIS SIRE'S DAM —



AMULREE JULIA BARONESS (VG)
A daughter of "Baroness Pietje" and dam of "Baron J. Monarch" (XXX), sire of Rockwood Robaron. She has 109,677 milk, 4801 fat, 4.38% average test in 6 lactations. She is also the dam of "Revelation" that sold for $9000. in the Romandale sale; of Rockwood Rag Apple Righto (Ex-GM), proven in the herd of H. F. & K. T. Henry, Odgensburg, N. Y., now in service at Rockwood. Another full brother, "Raceaway" has a high proving in the herd of P. J. Wells & Son, North Adams, Mich. "Julia Baroness" is the greatest transmitting cow we have ever owned.

— HIS OWN DAM —



ROCKWOOD BARONESS P. ROCKETTE (GP)
Grand Champion female at Brandon and Portage 1954 Exhibitions — weighed 1808 lbs. She is the only "Sky Rocket" daughter of "Baroness Pietje" (VG), and is a full sister of "Romulus" (XXX) and "Remus" (XXX). In the type study list No. 2 "Romulus" (XXX) has 25 graded daughters—1 Ex., 5 VG, 14 GP, 4 G, and 1 F — 80% of which score "GP" or better. He is No. 26 on the list. His sire "Sky Rocket" is No. 2. "Baroness P. Rockette" has a 3 year old 2X record of 15,945 milk, 575 fat, 3.61%, and a 4 year 3X record of 16,535 milk, 621 fat, 3.76%. Her tests this lactation have been — 5.2 4.0 4.0 3.8 4.4 4.0%. We believe she may become "Skyrocket's" greatest daughter.

His sire — ROCKWOOD BARON J. MONARCH (XXX), maternal brother of "Righto," is a son of Westland Hayden Monarch (XXX), the sire of both the All-Canadian aged bull and the All-Canadian 3 year old bull, 1954. Also sire of Hays' Inspiration (Ex) that bred so well for Jas. R. Henderson of Strathaven Farms, Kingston, Ont. and now in service in Pennsylvania. "Baron J. Monarch" (XXX) is going to have a proving comparable to his maternal brother, "Righto" and his paternal brother, Hays' Inspiration. All of "Baron J's" daughters, excepting one, are testing over 4% fat and well above their dams in both milk and fat. His first daughter to finish a 2 year old record on 2X milking has 13,115 milk, 571 Fat, 4.35% test. Her dam in the same herd at the same age produced 9,602 milk, 319 fat, 3.32%, an increase of 3513 lbs. milk, 264 lbs. fat, 1.03% fat.

THERE IS A TREMENDOUS TRANSMITTING ABILITY ON BOTH SIDES OF ROCKWOOD ROBARON'S PEDIGREE

Buy him at the National Sale, Trafalgar, Ont. May 16, 1955

ROCKWOOD HOLSTEINS

Ted L. Townsend & Les J. Millington
LTD. WINNIPEG, MANITOBA

Office: 21 C. P. R. Office Building, Winnipeg, Man. Phones — Office: 92-9737 Farm: 42-7718

One of America's

Highest Producing Holstein Herds

At Public Auction

VEL-DEAN COMPLETE

Warren, Ohio — Sat., April 30

75 Registered Holsteins — Certified - Accredited

Last Three HIR Averages (16—30 Cows—3X) 533-586 Fat!

BELL VEL-DEAN SOVEREIGN (GP)
Lot 16. A 4-yr-old daughter of A B C Reflection Sovereign with 527 fat, 4.4%—at 3½y, 334d. Her dam sells, with 942 lbs. fat! Will be fresh by sale time to Bill Bess Burke.

This is one of the year's highest record dispersal sales. Study this summary of the high record animals being offered:

One With 942 Lbs. Fat!

A B C Belle Renown (VG), a 9-year-old, made 24634 lbs. of 3.8% milk, 942 lbs. fat at 7y and has four other records over 600 lbs. fat! Due again in May to the son of Montvic Posch Lochinvar No. 1. She has a daughter selling sired by A B C Reflection Sovereign, Good Plus with first calf, and 527 lbs. fat at 3½y. Due by sale time to Bill Bess Burke. Two younger daughters also selling, one by Maple Haven Delvar, bred to Pabst Signal in December, and one yearling sired by Pabst Burke Tritomia Don.

One With 828 Lbs. Fat

Elsie Clark Ona (VG), is 11 years old, has 828, 812 and 682 lbs. at 7, 8 and 9 years of age. Due at sale time to the son of Montvic Posch Lochinvar No. 1. Her VG daughter also sells, together with a son and a daughter. This one made 751 lbs. at 2½y, a former Ohio State HIR record. She is bred to Pabst Signal.

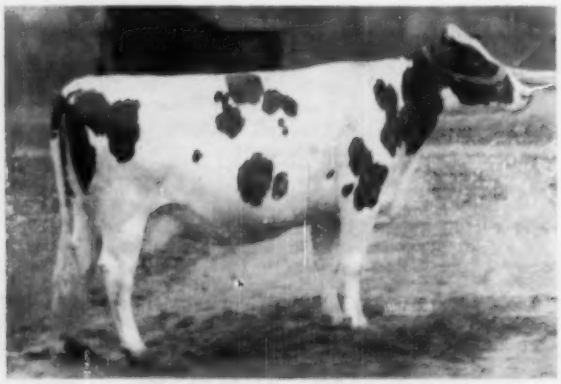
Four With Over 700 Lbs.

One of these is the daughter of the 828-lb. cow. Another made 754 lbs. fat at 2 years, another former Ohio State leader, she a GP daughter of A B C Reflection Sovereign, due in May to Hurlwood Conqueror. Her yearling son also selling, sired by Montvic Posch Lochinvar No. 1.

18 More With 409 to 637 Lbs.

Four of these have records over 600 lbs., three as 2-year-olds; four others range from 506 to 585 lbs., two of these first-calf heifers. Then there are 10 3-year-old heifers now milking with second calf, with 2-year-old completed records from 409 to 485 lbs. fat.

SWINE CREEK CANARY CARNATION
Lot 6. A 4-yr-old daughter of Carnation Hazelwood Homestead (son of Governor of Carn.). Finished with 485 fat, 3.9% at 2½y and fresh again in Feb. with a heifer calf by Wee Joe Gracious Wintorias (GM).



REGASBORNE SHOW RING SNOWWHITE (GP)
Lot 22. Records of 600 at 2y, 706 at 3y, 664 at 4y in 305d. Sired by Montvic Rag Apple Duke, Res. All-Can. 3-yr-old, 1943. Due in June to Vel-Dean Lochinvar Posch and ready for her best record.

HOLSTEIN DISPERSAL — APRIL 30

Offering the Blood of 5 Gold Medal Sires!

5 Service Sires — 4 of Them GOLD MEDAL Bulls!

PABST SIGNAL (E-GM)— $8100 son of Wisconsin Admiral Burke Lad, now owned by Central Ohio Artificial Breeders. His proof on 40 pairs shows a daughter average of 521 lbs. fat, 3.79%. **Six head bred to him. A daughter and son selling.**

HURLWOOD CONQUEROR (GM) — The popular 45th-MBB bred Walter Hurlburt proven sire now owned by the Central Ohio association. **Four head are bred to him.**

WEE JOE GRACIOUS WINTORIAS (VG-GM) — The Winterthur-Woodmaster sire at Central Ohio. His dam, a $10,000, 971-lb. fat Woodmaster daughter. **Two bred to him. Two young sons also selling.**

BILL BESS BURKE (EX-GM)— Another of the great battery of Gold Medal sires in the Central Ohio stud. He shows a 53-lb. increase on 429-lb. dams. **Three daughters selling and two head bred to him.**

VEL-DEAN LOCHINVAR POSCH—The junior herd sire, selling. A Selected Pedigree Bull and the service sire of 14 head in the sale. His sire is Ormsby Posch Pontiac Fobes (9 daughters and two sons selling), former herd sire by the Gold Medal Winterthur Posch Ormsby Fobes. His dam is the 751-lb. 2-yr-old daughter of the Gold Medal Winterthur Posch Ormsby.

SON AND DAUGHTER SELL

PABST SIGNAL (EX-GM)
This $8100 son of Wisconsin Admiral Burke Lad has a son and daughter selling and six head are bred to him.

5 DTRS.—2 SONS SELLING

PABST BURKE TRITOMIA DON
This Excellent-Gold Medal son of Wisconsin Admiral Burke Lad has five daughters and two young sons in the sale.

Fobes. His dam is the 751-lb. 2-yr-old daughter of the 828-lb. Elsie Clark Ona, both selling, both classified VG. A fine young herd sire opportunity.

DAUGHTERS SELLING BY THESE POPULAR SIRES:

A B C REFLECTION SOVEREIGN
The only bull ever to sire three All-Americans in the milking classes. Canada's foremost sire of type. Two daughters selling, one with 754 lbs. fat at 2½y, former Ohio State Champion.

PABST BURKE TRITOMIA DON (E-GM)
One of the greatest sons of Wisconsin Admiral Burke Lad, who spent his final days of service in the Central Ohio ABA. Five daughters and two young sons selling.

MAPLE HAVEN DELVAR
Son of Maple Haven Master Var (Wonder Var from Dunloggin Mistress De Ormsby) and out of a 791-lb. Wonder Var daughter. Next dam a $2050, 615-lb. fat daughter of the Gold Medal Montvic Rag Apple Chief. 13 daughters selling, first and second-calf heifers. Five have finished to date on HIR, 2X, 3 with 417, 436, 437 lbs., and two with 379, and 381 lbs. at 2y. The others doing exceptionally well.

MONTVIC POSCH LOCHINVAR NO. 1
This Silver Medal Production Sire has a daughter and a 754-lb. fat son in the sale.

ORMSBY POSCH PONTIAC FOBES
9 daughters and two sons selling by this son of Winterthur Posch Ormsby Fobes (Gold Medal).
Others by Bill Bess Burke (E-GM) — 3 daughters selling; Pabst Signal (E-GM)—one heifer calf and one bull calf selling.

TWO SISTERS TO ALL-AMERICAN GET SELLING!

GET of A B C REFLECTION SOVEREIGN (1954)
Sire of the All-American Get of Sire in 1953 and 1954, and the only bull ever to sire three All-American daughters in the milking age classes. Two of his daughters selling include one with 754 lbs. fat at 2½y, former Ohio State record (HIR), plus the one pictured on the opposite page. His 55 2-yr-old ROP daughters have an actual average of 468 lbs. fat, 3.81%, 39 of them on 2X milking.

C. B. SMITH

Auctioneer · Sale Mgr.

WILLIAMSTON, MICHIGAN

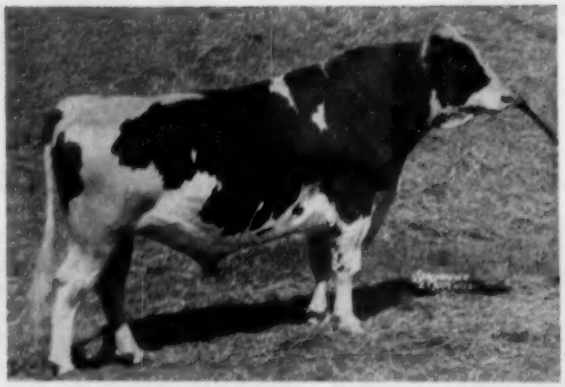
EARL G. BRAINARD

Owner

WARREN, OHIO

He Should Lead the Way to Greater Profit

HIS SIRE



WIS LEADER 915940 (VG-GM)
$13,000 843-lb. son of Weber Burke Cyclone and Wis Symphony.

RUBY ACRES LEADER PRINCE

Born March 18, 1954

He's more white than black, ready for service, and his dam is a daughter of Sir Ormsby Fobes Dictator 55th (VG-SMP).

— A PREFERRED PEDIGREE SIRE —

His Dam: Ventnor Essie Fobes

AR	8y	365	2X	16,965	4.0	682.7
HT	3y	342	2X	13,315	4.4	591.4

She is a ¾ sister to Ventnor Sir Fobes (VG—938.2 fat) and Ventnor Bessie Fobes, dam of Ruby Acres Viscount Fobes (VG at 3y), one of our herd sires.

Her dam in turn is by Osb. Sir Bess Fobes Ormsby and out of the 835-lb. dam of Prince Bess Fobes of Ventnor.

This attractive son of WIS LEADER has a star studded pedigree and his price is just as attractive as he is. Ask us for details.

RUBY ACRES — Elkhorn, Wisconsin

S. D. RUBY, Owner **FLOYD PECK, Manager**

100,000-lbs.

MILK PRODUCERS

Leading all herds in Wisconsin in the number of 100,000-lb. milk producers the past year was that of the Northern Wisconsin Colony and Training School (Nowisco) at Chippewa Falls **with a total of nine;** recognition given at the recent state meeting at LaCrosse.

Oregon State Farm, Oregon, Wis. came in for total of four over 100,000-lbs. milk.

Wisconsin School for the Deaf at Delevan has three in this select group over 100,000-lbs. milk.

Southern Wisconsin Colony herd at Union Grove had one new addition to the 100,000-lb. group.

All of the above records were made on 2X milking.

The Green Bay herd is on AR testing only with just two or three records given official recognition; the herds listed above are on HIR.

Remember – nine Gold Medal sires bred by Wisconsin Institution herds.

LET US TALK OVER YOUR HERD SIRE PROBLEMS WITH YOU

Wisconsin State Department of Public Welfare

W. W. KINYON, Farm Supervisor **State Capitol, MADISON, WISCONSIN**

DAIRYMEN ARE TURNING OUT

Beautiful Growthy Heifers

—Raised With New Type Milk Replacer!

More than a half-million Fall calves and yearling heifers in pastures throughout America's dairylands are living proof that you don't need whole milk to raise top quality calves.

These beautiful, slick-haired, fast-growing heifers are a far cry from the pot-bellied, rough-coated animals that so often result from skim milk and old-style substitutes. Proud producers say the difference comes from the miracle "young life" ingredient—Hidrolex—that now is in Kaff-A, the leading brand of milk replacer.

In Hidrolex, milk sugars are "pre-digested" for the calf's delicate stomach. An enzyme breaks down the lactose into simple non-laxative sugars that pass directly into the bloodstream to give baby calves a quick surge of energy and to keep them growing at a rapid rate. In addition to Hidrolex, Kaff-A contains other balanced milk by-products, antibiotic, and high levels of vitamins A and D.

Good As Whole Milk

Typical reports on the new Kaff-A with Hidrolex cite the excellent growth and condition of calves raised on it. Harold Au, who milks 25 Guernseys for the Grade A market at Clinton, Iowa, and raises 13 calves each year, says "Kaff-A has helped me grow calves that are as good as if they were fed whole milk." Mr. and Mrs. Lacey Ferguson of Sterling, Virginia, "honestly believe if Kaff-A is fed as directed, you can raise just as good a calf as you can on straight milk." Another Iowan, Gilbert Peterson of Aurelia, says he has "found that my calves grow on Kaff-A equally well as calves I formerly raised on milk."

Willard Shipe, manager of the Dr. Webb dairy farm at Andrew Chapel, Virginia, says his calves show more "snap, pep, and looks of good health and growth" since he changed from whole milk to Kaff-A with Hidrolex.

Half the Cost of Milk

These users report they are getting the excellent results at real savings in calf raising costs. Even Peterson, on a $3.53 cwt. milk market, estimated that he saved approximately $3.00 per calf per month—"enough to pay for calf starter and other rearing costs." Au, when selling milk at $4.53 per cwt., estimated his saving at $12.00 per calf. Mrs. Ferguson told us, "Kaff-A is definitely cheaper than milk—especially when you have a ready market for Grade A."

How to Feed

These calf raisers use Kaff-A as a complete replacer for milk after colostrum. Au says, "Kaff-A lets me cut feeding all salable milk after colostrum. It's easy to feed, too, because it is so soluble and stays in solution better than other replacers I have tried." The Fergusons follow manufacturer's directions, starting Kaff-A the fifth day and replacing milk completely by the tenth day. Shipe puts calves on Kaff-A from the fifth day through the eighth week.

Complete feeding directions and helpful calf-raising hints are packed with every pail, box, and bag of Kaff-A. Or directions can be obtained from milk haulers, feed dealers, hatcheries, and elevators, most of which handle Kaff-A as a service to customers.

Kaff-A with Hidrolex is manufactured exclusively by Consolidated Products Company, with plants and offices at Danville, Ill., Des Moines, Ia., Atlanta, Ga., Springfield, Mo., Sacramento, Calif., and Lancaster, Pa.

"I RAISED BOTH MY PRIZE BEAUTIES ON KAFF-A and am completely satisfied," reports Lawrence Maly, 16-year old 4-H and F. F. A. member, Hadlyme, Conn.

BRUCE TRICKETT, HERNDON, VA., admires the "snap, pep, and looks of good health" of calves on Fall pasture at the Dr. C. A. Webb Dairy Farm.

(Advertisement © 1955 C PC)

HILL GIRT

A New Herd on the Holstein Horizon

By DAVID L. MORROW

Last year after Bill Prescott returned from the Canadian National Sale, he remarked that a fellow from Pennsylvania had bought some of the good ones. Included in his purchases that day was Glenafton Gaylord, a double grandson of Marksman from Glenafton.

The name on the buyer's list was Harry Haskell, Jr., Hill Girt Farm, Chadds Ford, Pa. The Hill Girt name rang a bell so I reached for the nearest Guernsey Breeders' Journal and sure enough there was "Hill Girt Guernseys since 1915". Then at the 1954 June Super Duper Earlville, Harry G. Haskell, Jr. was the buyer of some more of the good ones.

Well in the December Earlville last year when Hill Girt was the contending bidder on the top cow, I found out that it wasn't Mr. Haskell doing the bidding. It was his farm superintendent James H. Dodds, an amiable Scotchman and a man with a lifetime of cattle experience. No wonder he knew which ones to buy.

This past month I had a chance to visit Hill Girt so I thought it would be a good chance to get all my facts straight. I arrived at the farm office right after breakfast and found Mr. Dodds getting the day's activities started. After introductions, he explained to me that the farm was originally owned by Harry Haskell, Sr. who passed away about 3 years ago. Then his son took over and decided that their milk business would profit more if a herd of Holsteins was added. The Guernsey herd was reduced to make room for the Holsteins but Mr. Dodds made it clear that they would continue to breed Guernseys.

Mr. Haskell left it up to James Dodds to make the change and Mr. Dodds reasoned that they could just buy cows and fill their barn or they could buy real cows and do as good a job of breeding Holsteins as they have Guernseys, and that is just what he has been doing. Last June, with just 20 cows purchased, the Hill Girt herd was classified on the regular program with 12 Very Good and 8 Good Plus, a very enviable record of buying.

The farm is located just around the corner from Winterthur Farms and across the state line in Pennsylvania. There are approximately 1400 acres for James Dodds to manage and the Holstein buildings are old stone and rustic on the outside but modern and practical on the inside. In the milk house attached to the barn where they will eventually milk 45 Holsteins, they have a 1000 gallon bulk cooler. Both Holstein units have new James-way barn cleaners and there are good big tie stalls for all the cows.

At the present time Glenafton Gaylord shares his quarters with 3 Guernsey bulls of noble parentage. These are good size bull pens with large outside exercise lots.

As we drove over to the first completed Holstein unit, Mr. Dodds told me that he had been working with purebred Guernseys for over 30 years and he had been at Hill Girt for seven years. As superintendent, he has charge of the 1400 acres, the Guernsey herd, the Holstein herd, a large turkey operation, and even a large greenhouse which houses a beautiful collection of flowers. Mr. Dodds also informed me that he spent some time at Winterthur over 30 years ago but he didn't have anything to do with the Holsteins at that time.

When we arrived at the other Holstein farm, I was introduced to Ken Hiatt, the man in charge. Ken had the cows really looking good and I couldn't help but notice their uniformity. I could see that they had all been picked by one man.

Some of the sales at which Mr. Dodds purchased animals were the past two June and December Earlville Sales, the 1953 Rag Apple Round Up, the 1954 Canadian National, and some

recent purchases were made at the J. D. Miller Dispersal, Acme, Pa.

One of the good cows in Ken's barn is Maplehurst Ajax Carolyn purchased in the Rag Apple Round Up from Fred B. Dole, Shelburne, Falls, Mass. A daughter of Raymondale Rag Apple Ajax, she had records up to 619 fat at sale time and last year, she made 20,415 milk and 737 fat in 10 months on 2X at Hill Girt.

Another one from the same sale was Pomona Marina Papoose, a granddaughter of Sovereign. Last year on 2X, she make 12,973 milk and 585 fat as a 2-yr-old. This good young cow came from Bruce Thornton's herd at Thamesford, Ontario.

One that came from the 1953 Earlville Invitational was Belle Nylo Richcot, a granddaughter of Carnation Resolute from George Wunder, Lyons, N. Y. Her last year's 5-yr-old record on 2X was 17,203 milk and 648 fat in 10 months.

Another one of the Hill Girt foundation is Rayside Jewel Copia from the herd of Ray Strickland, Nicholson, Pa. Copia is a daughter of Pebble Beach Premier with records up to 16,352 milk and 706 fat in 10 months on 2X.

Next in line was the dam of a future Hill Girt herd sire. She was Bicks Olive Evelyn, a daughter of Osborndale Sir Olive Ty Vic, a good proven son of Osborndale Ty Vic (Ex-GM). Evelyn's dam was a Homestead Rear Admiral daughter with 768 fat on 2X. Evelyn has a 2-yr-old record of 16,340 milk, 4.3%, and 703 fat in 365 days. Last year at Hill Girt, she made 17,096 milk and 731 fat in 279 days. Her son is sired by Sovereign Commander Antonio (the Tony bull) and he is quite a promising bull calf.

A pair of cows from Ridgely Farms look like they will be a good foundation. Ridgely Proud Rose, a daughter of the new Gold Medal Sire, Baker Farm Dunwood Pride was purchased as a heifer in the December 1953 Earlville. Her dam is a Good Plus daughter of High Meadow Farm Prince with 903 fat in 297 days on 2X at 7 years. Making just 400 fat last year as a 2-yr-old, she looks like she has a lot of potential. The other cow is a daughter of Ridgely Best Lochinvar and she made 493 lbs. fat in 305 days last year as a 2-yr-old.

Just before leaving Ken's barn we looked at one of the cows that came from the Canadian National Sale. She is Lifloc Barbara Ann Scepter (VG), a daughter of Elmcroft Scepter out of a 621-lb. daughter of Supreme Grand Slam. This tremendously deep cow has an outstanding udder and her best record is 728 fat at 3 years.

On the way back to the main farm we stopped at the heifer unit which is cared for by a Mr. Stabler. This gentleman also worked at Winterthur over 35 years ago and he milked some of the great cows of that time when Winterthur was on 4X milking.

Back at the main farm there are about 25 milkers in the new barn. A Deen Twelve daughter from Bairdlea Farm looked as dairy as could be; a 700-lb. 2X cow that came from Trunlan Farm; a beautiful uddered daughter of Longhurst Abbekerk Perfection from Ben Mitchell's herd; a real good inbred daughter of Carnation Slogan —she is by Slogan and out of the Carnation Slogan daughter of the great Cornell Ormsby Fay; a nice granddaughter of Montvic Rag Apple Churchill from the J. D. Miller Dispersal; a Very Good Weber Burke Clover Lad daughter from Harry Hilpertshauser; and an outstanding daughter of Emperor of Mount Victoria that came from the Canadian National Sale.

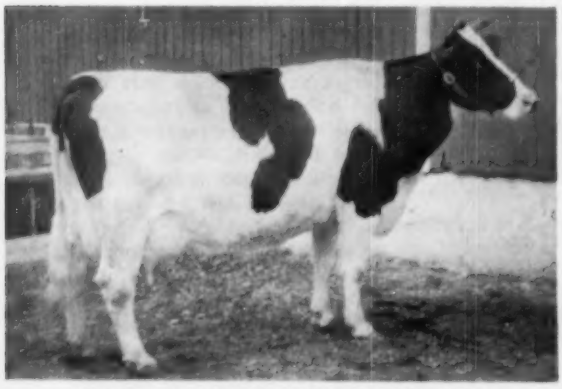
A show cow bought at private sale is Linda Ormsby Luckey Fobes from the herd of Don Williams, Tunkhannock, Pa. Down the line a little ways was her daughter sired by Crownhurst Segis Perfection. They make quite a daughter-dam combination.

Out in one of the box stalls was a good old cow that sold in the last Invitational Sale. Coming from Pinwood Farm, she was Pinwood Rag Apple Arabella, a Montvic Pathfinder granddaughter with records up to 892 fat on 2X. Hill Girt also has her heifer calf sired by Pinwood Master Aristocrat.

The herdsman at Hill Girt is Fred Weaver. The day I was there, he was up in northern Pennsylvania picking up some cows that Mr. Dodds had recently purchased.

The one animal I had to see before I left was a Guernsey cow owned by Mr. Dodds' daughter, Elsie. This cow, classified Excellent at both 2 and 3 years, had been making it a habit of winning at all the shows for Elsie. While visiting the Dodds' household, I had a chance to see the trophies and ribbons won by Elsie and her Guernseys and they are quite an impressive collection. I hope that Mr. Dodds can interest Elsie in showing Holsteins.

Just in the embryo stage of development, the Hill Girt Holstein herd is off to a good start. With their top foundation cows and the good cow men behind the operation, I think Hill Girt will eventually take its place with the established herds of the United States and the Hill Girt Holsteins will be as well known and as well thought of as the Hill Girt Guernseys.



LIFLOC BARBARA ANN SCEPTRE (VG)
One of the top foundation cows in the new Hill Girt Holstein herd. One of the top selling cows in the 1954 Canadian National Sale, she is a 728-lb. daughter of Elmcroft Scepter out of a daughter of Supreme Grand Slam.

HAWKHERST EMPRESS MARGARET
Another foundation cow at Hill Girt that was purchased in the 1954 Canadian National Sale. She is a daughter of Emperor of Mount Victoria out of a twice over 600 lb. daughter of Montvic Emile Lochinvar.

A "CHAMP"

FORKEY FARMS AJAX JANE
(VG at 2y)
Best Uddered Cow, Franklin Co. (N.Y.) Fair, 1953 & 1954; 1st 2-yr-old & Res. Grand Champion, 1953; 1st 3-yr-old, Sr. & Grand Champion, 1954. Member of several winning groups including 1st Produce of dam (with "VG" full sister) both years. Jane has 7 "VG" paternal sisters, the oldest are 4-yr-olds.

Jane, with her 1st prize udder, is an excellent example of what our Ajax grandson did for us—we have about 20 good uddered daughters of his in our herd today.

Franklin County is pretty far north but come spring why don't you drive up here to see what we have? **We nearly always have a few home bred heifers or young cows for sale.**

FORKEY FARMS
Maurice Forkey
Dickinson Ctr. N. Y.
HIR Tested (500 fat 2X)
Certified Vaccinated

'TWAS TRUE

STARLIGHT CHIEFTAIN
(88 points)
365d 2X 23,537 M. 3.9% 915.6 F.

Our recent prediction that "Starlight" would never again be listed as an 84 point cow was a correct one. On March 22 classifier Merle Campbell made her VG at 88 pts. with 3 Ex. subratings.

Besides our new Excellent Triune heifer, we had three raised to 89, two to 88, many others 87, 86, etc.

Bobby Rag Apple, "Starlight's" Ntl. record sister, also went VG with one Ex. subrating.

Southwind

Holstein Farm

"The Crescent Beauty - Triunes"
EDMUND CAMPBELL
SEGUIN TEXAS

News & Views
FROM THE ASSOCIATION OFFICE

Photos or Sketches

When breeders visit the Association office, they are usually fascinated by the method used in transferring the identifying sketch from the application for registry to the certificate of registry as well as the special method used to attach photographs to the certificate of registry. Transfer of sketches is accomplished through the use of indelible carbon paper and the tracing directly from the application to the certificate by superimposing the application directly over the certificate of registry. Photos are attached through the use of a special adhesive paper applied under heat and pressure, after which they are stamped with the Association's seal to further insure permanence.

"Which do you prefer, sketches or photos"? is usually the question asked by visiting breeders after they have watched the sketch or photo transfer process. Actually, the Association has no preference between photos or sketches so long as either are accurate and well done. Both serve equally well to properly identify Holstein-Friesian cattle and represent a great asset in our breed over other methods of identification which must be followed by breeds of solid color or uniform color pattern.

It is extremely important that a careful job of sketching be done when the application for registry is completed in order to avoid errors or discrepancies in the identification of animals during their lifetime. It is usually very easy to determine which breeders are careful in drawing sketches of animals and which may be somewhat less careful in their sketching. Greatest accuracy in the sketching and identification of animals and in the filling out of the applications for registry comes when this work is completed shortly after the birth of an animal. While sketching can always be done accurately at any age, other information on the application for registry may be less so if the completion of the application for registry is delayed too long.

The photograph of an animal is an absolute identification of that animal for the remainder of its lifetime, provided the photograph is properly taken. Since this photograph will remain the identification of the animal throughout its entire life, it is good business, whether the animal is to be retained in the herd or to be sold, to obtain the best possible photograph of the animal. It should be so posed as to show clearly the head markings as well as the inside markings on the legs. One view of the animal at least should show clearly the full tail and switch of the animal. Naturally, the animal should be reasonably clean so that mud, manure, or dirt spots do not appear as black spots on the animal. Then, too, the feet and lower legs should be clean and free from dirt so that the eligibility of the animal for registry with respect to color markings can be accurately determined.

In forwarding photographs for the identification of an animal to be registered, it is necessary to send four prints, two of each side of the animal. It is preferable that these be duplicates so that the photographs on the application for registry which is retained by the Association are identical with those on the certificate of registry which is returned to the breeder. Photographs should not be smaller than 2¼ x 3¼ inches and not larger than 3¼ x 5½ inches and they should be clipped (not pasted) to the application. In order to avoid any confusion in photographs, each one should be clearly marked on the back as to the date of birth of the animal and the name and number of the dam.

We were very much interested recently in making a study of the number of animals which were registered by photograph as compared with those which were registered and identified by sketch. While we have not made a complete check of all of the applications received during the year, we did check 10,000 which were received at two different times during 1954 and found that 15% of all animals are registered with identifying photos while the remaining 85% are registered by identifying sketches. A similar check several years ago indicated that the per cent being registered by photograph was slightly higher.—End.

Brauns Sunny Lea Design (VG)

— ONE OF OUR HERD SIRES —

3rd prize 2-yr. old Iowa State Fair, 1952.

. . . .

Maternal brother to 2nd prize produce, Mich. 1954.

His dam (with her DHIA record) now has a total of 109,000 M. and 4057 F. She is head of a marvelous family.

— HIS SIRE —

PABST COMET (VG-GM)

Sire of Res. All-American Get of Sire, 1953. Leading Honor List sire, 1952, second Honor List sire, 1953.
61 A. R. daughters — 8 from 803 to 991 F., one the national champion sr. 4-yr-old, 3X—305ds. One of the greatest Burke sons. Sire of All-Am. Jr. Yrlg. bull, 1949.

— HIS DAM —

ELMER BROOK LOTTIE DESIGN (EX)

365d	3X	9y	23,450	3.8%	912.7
340d	3X	6y	21,930	3.7%	806.8
362d	2X	7y	20,075	3.7%	735.1
365d	2X	8y	16,374	3.7%	600.5
305d	2X	8y	15,449	3.7%	568.8

Also 474 F., 305d. 4½y 2X and a DHIA record of 527 F. at 2½ years.
First 4-yr. old Wisconsin, 1948.

60 PER CENT OF OUR HERD CARRIES THE BLOOD OF COMET AND "LOTTIE"

Brauns Sunny Lea Design now has daughters in production of which we are very proud — from the way these daughters are starting he will soon be a proven sire.

His semen and that of Pabst Comet available — write for terms.

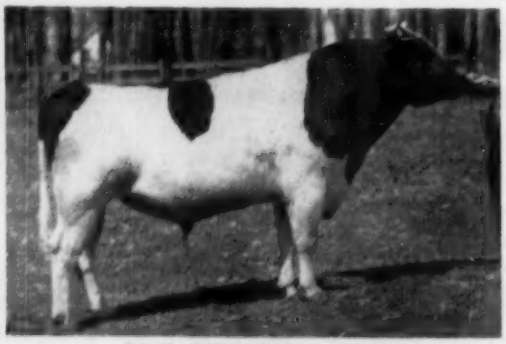
—Accredited— **Braun's Sunny Lea Farm** —Certified—

ROUTE 4 BOX 667

WAUKESHA, WISCONSIN

Four Miles East on Davidson Rd.

POND GATE MISTER (VG) and his GET



POND GATE MISTER (VG)

GET OF POND GATE MISTER (VG)

POND GATE MISTER (VG) is a double grandson of Curtiss Candy Ovation (G.M.). Mister's sire, Pond Gate Playmate was top bull at the Pond Gate Dispersal at $5500. His dam, Pond Gate Famous Missie (VG), topped the females at $2150. At 5y, 365d, she made 23937 milk, 4.2%, 996.6 lbs. fat. Mister's ¾ sister, Pond Gate Proud Missie (VG) is making over 700 lbs. fat, 4.7%, 2X, this lactation.

The four milking daughters of POND GATE MISTER pictured at left all classified Good Plus at 2 years. Their average test exceeds 4.3%. Mister's get placed 3rd at Waterloo, 1954.

"MISTER" Transmits

SQUARE RUMPS — FINE UDDERS — HIGH TEST

See Them For Yourself At

LOGWOOD FARMS

REISTERSTOWN, MARYLAND

H. B. MILLHAUSER, Owner WM. H. HILL, JR., Mgr.

"Goliah" DID NOT DISAPPOINT US —

"GOLIAH'S" SIRE

HALLROSE PROGRESSOR (Ex-GM)
His first 1000-lb. daughter just reported from Carnation.

"Goliah" is Hallrose Hazel Goliah our closely bred Progressor son. His dam is Hallrose Myra May, Excellent, 701-lb. daughter of Hallrose Forward, (Progressor's sire). And "Myra May" is out of Hallrose Myra, a daughter of Sir Governor Inka and Hallrose Myretta the dam of Hallrose Forward.

We have been pleased with the type that "Goliah" has been siring and now his first daughter to finish established a new Oregon state record with 765.5 F., 4.4%, 17,530 M. on 2X with first calf.

Naturally we are gratified that the intensifying of the Hallrose blood lines in "Goliah" are proving so successful.

We offer bull calves with pedigrees packed with Excellent animals and Gold Medal sires — write for details.

HALLROSE RANCH — Troutdale, Oregon

S. B. HALL, Owner **H. M. TABBERT, Herdsman**

A TRULY GREAT COW!

Lady Bessie Dean Posch

3y	338d	2X	18,661	3.6%	676.0
4y	303d	2X	16,979	3.5%	588.0
5y	305d	2X	19,107	3.5%	671.0
6y	309d	2X	20,676	3.9%	811.7
7y	365d	2X	26,369	3.6%	943.2

We believe that this is a fitting tribute to say about "Lady" as there are not many cows that make, each year, outstanding production records.

Lady Bessie Dean Posch is by Maple Valley Posch Piebe, a grandson of King Posch Ormsby of Winterthur. Her dam is Albus Alice Bessie Dean, a granddaughter of Dean of the Pearls.

We have two daughters and a granddaughter of Lady by our Reserve All-American two-year-old, Golden Dairy Wayne King. She is safe in calf to our Honorable Mention for All-American 2-year-old (1954), Hawthorn King Wayne Regal.

Saludos a todos los amigos. Su visita sera bienvenida.

SUNRISE DAIRY FARM

VINCENT E. SUTLIFF, SR.
Proprietor

VINCENT E. SUTLIFF, JR.
Manager

Rt. 1, Gaithersburg, Maryland

Russ-Glo Farm

Offers Several Outstanding Bull Calves For Sale

as well as

Some Foundation Heifers Due in Fall

— Our Senior Herd Sire —

Hickory Creek Baronet

Several times Grand Champion, he is an outstanding young son of Willow Springs Crescent Prince (VG) from an Excellent dam with 717 lbs. of fat. His offspring look great. They are the kind you would like to have your next herd sire look like. **These calves and the females are priced reasonably.**

Russ-Glo Farm

R. R. 2, Goshen, Indiana

Owner: Russell Kistner Dunlap 55679 — Farm Mgr. George L. Kistner
Herdsman—Merle Watkins

Could YOU Use

PABST JESS REWAYNE?

In our advertisement on page 113 of the March 19 WORLD we offered this 5-year-old double grandson of Pabst Regal for sale. He is still available at this writing.

His Daughters Produce!

His first five daughters to complete HIR junior 2-year-old 2X records made from 410 to 542 lbs. fat. All have now started their second lactations, and they are showing a nice increase over their 2-year-old production, milking up to 75 lbs. on 2X!

His Dam On Test Again!

His dam, Pabst Regal Wayne (VG) with records of 940, 814 and 755 lbs. fat, is making another nice record as a 7-year-old with 664 lbs. fat in her first 199 days to date. **His maternal sister** by Pabst Comet is also doing well as a 5-yr-old with 809 lbs. in her first 269 days! Here is a great herd sire opportunity.

Please Write For Details

• EBONITE •

H. M. GANS, Owner — GANS, PENNSYLVANIA
Certified — Vaccinated — Accredited
— PBR 4 years —

A Great Cow at Hollins College

Great cows and great cow families are few, and of these few even a smaller number receive the recognition which should be theirs. L. A. Drewry, Director of the Hollins College Farm and Herd at Hollins College, Va., supplies interesting information concerning one of these families which has gone more or less unheralded.

The oldest member of this family now in the Hollins College herd is Hollins Havoc 1952230 (VG) who has produced over 205,000 lbs. milk with 7,338 lbs. fat in HIR and in a 12-year period dropping 13 living calves. At past 17 years of age she is sound in every respect and producing 20 lbs. fat per month near the end of a long lactation. She was classified Very Good in December 1954 by Merle Campbell who declared her "One of the most remarkable old cows I have ever seen."

Following are her HIR records as given in the Green Book—note the high level of production.

2-10	365	3X	15351	3.5	534.2
4-1	347	3X	15839	3.7	587.0
5-3	365	2X	18748	3.4	638.1
6-9	348	2X	16039	3.5	556.1
7-11	365	2X	15997	3.7	587.6
9-3	365	2X	21013	3.8	791.0
10-10	365	3X	20393	3.3	679.1
12-1	288	2X	18080	3.8	683.2
13-0	365	2X	18146	3.5	636.5
14-8	365	2X	19502	3.4	669.6

Hollins Havoc was born October 18, 1937, the sixth generation of cows bred by Hollins College. On the maternal side are sires carrying the prefix of Grahamholm of Minnesota and Frank Walker's Rosni herd in Virginia. Her third maternal dam was by a John Erickson bred grandson of Ambassador Fobes. Havoc's dam has two records exceeding 17,000 lbs. milk on 3X and her dam in turn made 135,789 lbs. milk in her lifetime and produced one daughter, six granddaughters, and three great-granddaughters who to date have each produced over 100,000 lbs. milk.

Havoc's sire, Segis Pontiac Echo King 680295, bred by P. E. Massie of Pulaski, Va., was at one time in service with the Roanoke Artif. Breeders Co-op. and is all plus proven. He was a son of a sire bred by the late O. U. Kellogg of Cortland, N. Y. Segis Pontiac Echo King has at least one other 100,000-lb. daughter in addition to Havoc.

Havoc's Offspring

Mr. Drewry provided the following resume of Havoc's offspring. Havoc's first calf, a heifer, was by Winterthur Posch Great Sussex. Classified Very Good, in seven lactations she has produced 135,488 lbs. milk with 4742.4 lbs. fat, with individual records up to 20,899 lbs. milk and 730.3 lbs. fat (300 days). She also has another 20,000-lb. record with over 700 lbs. fat. An inbred son of this cow, by her own sire, is Hollins Havex who has been used extensively at Hollins College and now has a fine group of milking daughters.

The second calf, also a heifer, died at 9 months of age, and the third and fourth heifers were twins by Elbro Champion Abbekerk. The twins were sold to Forsyth County Farm, Winston Salem, N. C., after making good heifer records.

The fifth calf was a heifer by Hollins Hutter, a plus-proven sire whose dam is a 200,000-lb. producer. This heifer has five lactations to date with records to 16,965 lbs. milk and 588 lbs. fat in 364 days.

Next came twins, a male and a female (not saved) and after this a female that failed to breed. Another set of twins followed, heifers by a Admiral Prilly Burke Fobes, a son of the Gold Medal Weber Admiral Burke Fobes. One lived only a few weeks but the other, Hollins Havoc 4th, proved a real producer with over 15,000 lbs. milk in each of her first two lactations.

A full sister to the twins by Admiral Prilly Burke Fobes was next and in 330 days of her second lactation she now has 15,940 lbs. milk and 507.6 lbs. fat.

Her next calf, a male by Hollins Havex, Havoc's inbred grandson, is being used in the herd of Western State Hospital, Staunton, Va.

Havoc's last calf to date, a bull by Admiral Segis Sensation Burke, was sold to W. D. Vinyard and his first calves are now arriving in that good herd.

Holsteins Since 1902

Hollins College, established in 1842, is the oldest educational institution for ladies in the south. Ladies who attended the 1952 National Convention at Roanoke will recall the afternoon tea at the College which was a part of the activities.

The Holstein herd at the College was established in 1902 on a foundation from the H. A. Moyer herd at Syracuse, N. Y. Through the years the herd has been at the top in Virginia for milk production, with Volume 10 showing an HIR average of 13,753 lbs. milk on 47 head. L. A. Drewry has been Director of the Farm and Herd since 1938, taking a 4-year leave for Army service during World War II.

HOLLINS HAVOC 1952230 (VG at 17y)
She dropped 13 living calves in a 12-year period and has to date over 205,000 lbs. milk with 7,338 lbs. fat in HIR. Bred and owned by Hollins College, Va.

Plan a Visit to . . .

CONVENTION – *Irvington Farms* – WASHINGTON, D. C.

(Route 240)

- **FREDERICK**
- **GAITHERSBURG**

(Irvington Farms)

Stop at ALL-STATES INN, an excellent lodging and eating place, right next to the farms. Make reservations early, or let us make them for you.

- **ROCKVILLE**

OUR HERD SIRES

SPRING FARM SILVER KING (See his HIR proof)

12 Dtrs. Avg.	12304	3.85%	474
12 Dams Avg.	11238	3.43%	385
Increase:	+1066	+.42%	+89

CURTISS CANDY DANDY MAJOR
His daughters in production are averaging about 4% test.

SUTTON OAKS PRIDE BARBA
Sired first prize junior get of sire at the 1954 Maryland State Fair.

DISTANCES:

Irvington Farms to—

Philadelphia	137 Miles
Harrisburg	99 Miles
Washington	16 Miles

Irvington Farms

Gaithersburg, Maryland

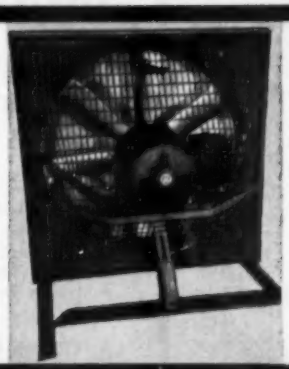
W. L. KING, Owner **W. I. (Billy) KING, Mgr.**

Located on Rte. 240 enroute to the Nation's Capitol between Gaithersburg and Rockville. Watch for Holstein signs.

KNOW YOU'RE RIGHT WHEN DRYING CROPS WITH AEROVENT

RATED FANS BY A PIONEER

You can be sure of results because Aerovent Fans are guaranteed to deliver a specified amount of air per minute. Benefit from Aerovent experience all over the country.



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Qualified Aerovent agricultural engineers are available to help you work out the best crop drying installation for your needs.

LOWER FEED COSTS

Mow-dried hay saves the leaves, gives you higher protein feeding value at less cost.

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DEPT. H-F BOX 28 • LANSING, MICHIGAN

FAR HILLS

Complete Dispersal!

Monday and Tuesday — May 16-17

at the

Pacific International Exposition Bldg.

PORTLAND, OREGON

Mr. and Mrs. Rene Espourtille, Owners

Rt. 1, Box 305 — Eagle Point, Oregon

185

REGISTERED HOLSTEINS

Herd Sires Sell Privately

Weavers Rag Apple Paul 1228930

Born April 16, 1951. Sired by Bond Haven Rag Apple Paul, a son of Montvic Rag Apple Marksman, and the sire of six animals nominated for All-Canadian honors.

Sir Hester Homestead Ormsby 926161

Born March 23, 1945. Purchased for $1,000 in the Spring Creek Ranch dispersal. Proven on 10 pairs. By Lyons Ormsby Prince (Gold Medal). First three dams classified VG, EX, VG.

Vernway Cocky Playboy 1053600

Born September 6, 1947. Sired by Los Robles Ormsby Gerben Lyons (famous son of the Gold Medal Lyons Ormsby Prince). His dam is by the Gold Medal Carnation Imperial Madcap Lad.

Vernway Pathfinder Lucky 1148116

Born January 14, 1951. Sired by a son of Carnation Imperial Madcap Lad (GM) and out of a VG twice 600-lb. 2X daughter of Los Robles Ormsby Gerben Lyons.

All four are in active service. Interested parties can write to Bill LeeKey, Farm Mgr., Far Hills Farm, Rt. 1, Box 305, Eagle Point, Ore.—or to J. W. Adamson, Troutdale, Ore.—or to the sale manager.

One of the Largest and Best Herds in the West

Many Daughters Selling

CARN. GOVERNOR MADCAP EMINENT
Silver Medal Production. Former herd sire with many daughters selling. Son of Governor of Carnation from the 875-lb. daughter of Imperial and Carnation Josephine Madcap Fayne, she from "Capper," former World Champion. He increased 450-lb. dams by 95 lbs. fat, 13 pairs.

The mature cows, of Carnation, Rag Apple, Dunloggin, Madcap, Sleepy Hollow and Spring Creek breeding, offer a wide choice of select individuals to breeders looking for top foundation females. There are also 35 head of bred heifers carrying interesting combinations of these great bloodlines.

35 Bred to "Magician"

ROSAFE MAGICIAN (VG)
Son of ABC Reflection Sovereign out of the 1954 All-Canadian Aged Cow, Glenvue Nettie Jemima, whose top record is 873 lbs. fat, and 5024 lbs. fat with 134,968 lbs. milk in 7 lactations—and still going. This bull is owned by Midland Holstein Farm, Ceres, Calif. He is full brother to the $20,100 Rosafe Signet.

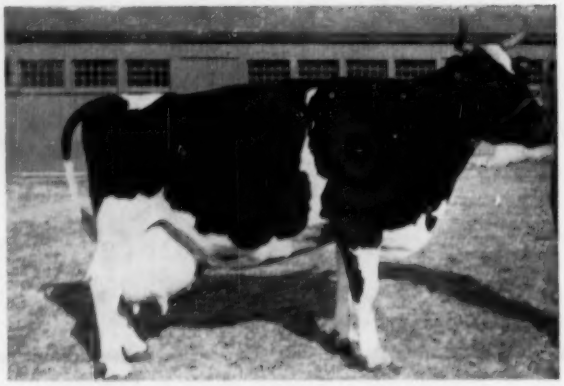
This complete dispersal sale presents western breeders with a rare opportunity to obtain outstanding individuals carrying proven crosses of top Rag Apple breeding not commonly found in the west. This Rag Apple outcross, already well started in the FAR HILLS herd, on a foundation of Carnation, Madcap, Sleepy Hollow and Los Robles breeding will be intensely interesting to alert breeders looking for herd improvement. It is working well!

Send For Your Catalog Now:

R. E. EVERLY, Sale Manager — 616 New World Life Bldg., Seattle 4

Auctioneer: Charles Adams, Artesia, California

Half Interest Offered

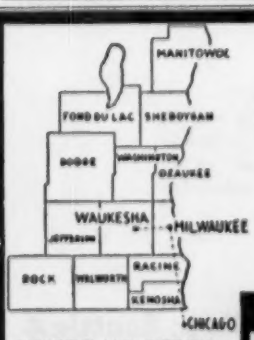


NORTH STAR FRANCES WAYNETTE (EX.)
11-2 3X 365 22,819 4.4% 998.3
Last four records average better than 960 F.

We offer a half interest in a bull calf (born 1-27-55) out of the great cow pictured above. The sire is Broad Rock Ramus, a Broad Rock Fond Duke son out of the Excellent Dunloggin Mistress Ruth. This calf represents the best of Dunloggin breeding with production, type and longevity.

Broad Rock

SAINT JOSEPH'S ABBEY SPENCER MASSACHUSETTS



WHERE HOLSTEINS HAVE BEEN BRED AND DEVELOPED FOR 56 YEARS.

Purebred and Grade Holsteins

Selected for Type and Production, T. B. Accredited—Blood Tested. Some calfhood Bang's vaccinated. From 200 of better Wisconsin herds. We are in a position to fill small or large orders for interstate or export.

— Service of —

W. L. BAIRD - ARTHUR F. BENNETT - DON A. STOUFFER - LOWELL H. NELSON - and JAMES L. GORDON at your disposition.

FOR INFORMATION WRITE
INTER-COUNTY DAIRY CATTLE ASS'N
BOX 177 WAUKESHA WIS.

NEW BREEDER IN WISCONSIN

Dr. and Mrs. Ira R. Sisk, of Madison, Wisconsin, have purchased the farms formerly known as Darrow Farms and owned by Mr. and Mrs. Nels Hokanson, seven miles west of Madison, near Verona, in Dane County. The purchase included 150 head of purebred Holsteins. This herd had its beginning in 1943 when 30 head of registered Holsteins were assembled, headed by a young sire, Cherrybold Sensation, from Leonard Seybold's herd at Forest Junction, Wisconsin. This first sire was a son of the Gold Medal sire, Admiral Bonnie Girl. He was proven at the farm and sold to Tri-County Breeders Co-op, Westby, Wisconsin. Following this sire a double grandson of Wisconsin Admiral Burke Lad was purchased from Pabst Farms. This bull was by Pabst Roamer and his dam, Pabst Burke Lyons, was classified Excellent in 1949, and was 1st prize aged cow at Michigan in 1950, and a member of the 1st prize get of sire at Waterloo in 1950. This bull was also proven at Verona Farms and later sold to Northwestern Penn. Breeding Association. Daughters of these bulls were then mated with a son of Posch Ormsby 14th, purchased from Winterthur Farms, Wilmington, Delaware. Also used recently was a bull by Pabst Regal, out of the good cow family developed from the Admiral Bonnie Girl line of the first sire used.

The most recent addition to the herd is an outstanding son of Wis Leader, Pabst Leader Eyebright, purchased from Pabst Farms. His dam is Pabst Rebel Eyebright, a member of the All-American get of sire of 1951, who formerly held the senior 2-year-old Wisconsin record of 853.2 lbs. fat, later making 24,887 lbs. milk and 965.7 lbs. fat, with a test of 3.9%. The maternal brother of this young bull owned by Alson D. Weller and Son of New York was Reserve All-American in 1953, nominated All-American in 1954.

PABST LEADER EYEBRIGHT
New young herd sire of Dr. and Mrs. Ira R. Sisk, Madison, Wisconsin. Bred by Pabst Farms, Inc., he is a son of Pabst Leader and Pabst Rebel Eyebright, 967 lb. Regal daughter.

"THE PURINA PROGRAM MAKES US MONEY"

states Gilbert Jaeger

By J. H. McAdams

Gilbert Jaeger (right) and brother, Hubert, now deceased, established Jaeger Bros. herd at Ixonia, Wisconsin, in 1918. Albin Jaeger (left) helps his uncle manage the home farm while Albin's brother manages a near-by farm they recently purchased.

"Brother Hubert and I started our Holstein herd in 1918," stated Gilbert Jaeger of Jaeger Bros., Ixonia, Wisconsin.

"Our first year of testing showed our herd with an average of 299 lbs. of butterfat. Compared with most herds, that was not too bad at that time, but it wasn't good enough for us. So we began to look for ways to improve.

"One change we made was in our feeding, and that change paid off from the start. We've kept D.H.I.A. or H.I.R. records for nearly 20 years, and since 1937 we've been strictly on the Purina Program.

"One thing we saw was a need for better cows. We started using better bulls, and began paying more attention to the way our heifers were grown. A second thing called for some changes in our management. We began paying more attention to a program of culling low-producing cows and placing big, rugged heifers of our own raising in their place. The third change was in our feeding. We decided Purina knew far more about feed research than we could ever know, and turned that responsibility over to them. Handling the problems of breeding and management was big enough to keep us plenty busy. That decision, made 18 years ago, to let Purina do the worrying about problems of nutrition has sure paid off.

"In recent years our butterfat production has consistently averaged from 425 lbs. to 460 lbs. Any cow failing to give us at least 400 lbs. of fat becomes a prospect for the butcher. A heifer, to win a place in the milking string, must give at least 400 lbs. of fat her first lactation. Our best cows are giving us in excess of 600 lbs. of fat.

"In May of 1954 we sold a cow that had gone through 15½ lactations for us. In her lifetime she gave us 192,889 lbs. of milk and 6887 lbs. of butterfat. She was always as regular as clockwork in dropping calves spaced one year apart. Unfortunately, most of the calves she dropped were bulls, and we have none of her daughters in the herd."

Pride of the Jaeger herd today is an animal they call Pride of Ormsby. This big cow, dropped in April 1944, weighs 1560 lbs. Pride of Ormsby wouldn't place very high in stiff show-ring competition, as she is classified only Good Plus, but as a producer she rates "excellent." She has just completed her eighth lactation, and has a total of 102,802 lbs. of milk and 4017.2 lbs. of fat to her credit.

Two of the five heifers dropped by Pride of Ormsby are in the Jaeger milking herd. Early heifers were sold before they realized her full value.

Rebecca, one of the daughters of Pride of Ormsby, was dropped October 15, 1948, and now weighs 1420 lbs. Four of the five calves dropped by Rebecca have been heifers. In her four completed lactations, Rebecca has produced 59,095 lbs. of milk and 1960 lbs. of fat.

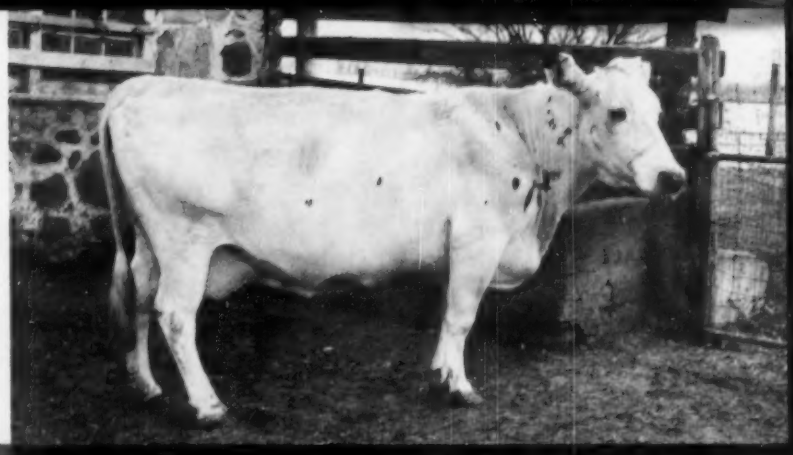
Nell, a daughter of Rebecca, dropped her first calf Dec. 9, 1953, at 25 months of age. Her first lactation extended 354 days, and in that time she produced 13,090 lbs. of milk and 540 lbs. of butterfat. Her official production for 305 days was 467 lbs. of fat.

Pansy, another granddaughter of Pride of Ormsby, is now in her fourth lactation. In three lactations she produced 56,506 lbs. of milk and 1241 lbs. of butterfat.

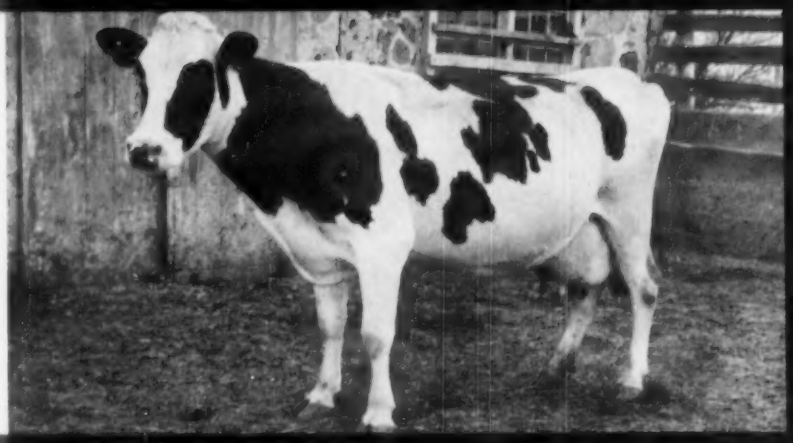
Bubbles, a great-granddaughter of Pride of Ormsby, freshened December 6, 1954, at 25 months of age. In her first official month of production Bubbles gave the Jaegers 69 lbs. of butterfat.

About a year ago Hubert Jaeger died. Even prior to Hubert's death his two sons were taking an active part in the operation of the dairy. Today Albin Jaeger, one of Hubert's sons, works actively with his uncle Gilbert in the management of the dairy herd on the home farm, while Albin's brother manages a separate Jaeger Bros. farm that was recently purchased.

Foundation cow, Pride of Ormsby. Classified Good Plus. In 8 lactations she has produced 102,802 lbs. of milk and 4017.2 lbs. of fat. One daughter, 4 granddaughters and 2 great-granddaughters are now in the milking herd.

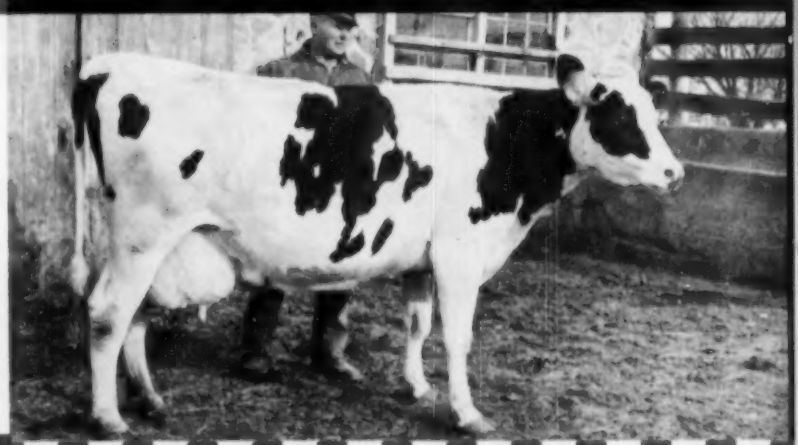


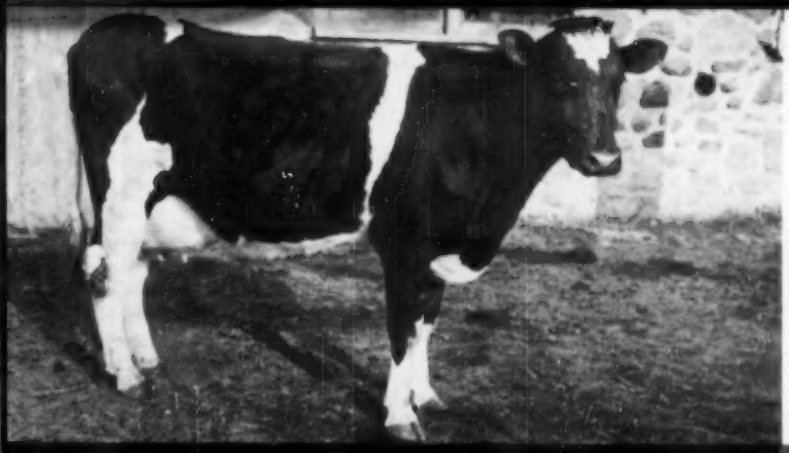
Rebecca, daughter of Pride of Ormsby. Mother of 4 heifers and 1 bull. In 4 lactations she has produced 59,095 lbs. of milk and 1960 lbs. of fat. Rebecca is a rugged cow, weighs 1420 lbs.



Nell, a daughter of Rebecca and granddaughter of Pride of Ormsby, freshened Dec. 9, 1953, at 25 months of age. In a 354-day lactation Nell produced 13,090 lbs. of milk. In 305 days she produced 467 lbs. of fat.

Pansy, another granddaughter of Pride of Ormsby. In 3 lactations Pansy has produced 56,506 lbs. of milk and 1241 lbs. of fat. Starting her fourth lactation Pansy weighs 1241 lbs.





Bubbles is a promising great-granddaughter of Pride of Ormsby. Bubbles freshened Dec. 6, 1954, at 25 months of age. In her first month of production she is credited with 69 lbs. of fat.

This six-week-old daughter of Bubbles, dropped December 6, is on the same Purina Feeding program proved so effective in developing her mother, grandmother, great-grandmother, and great-great-grandmother.

The program that made money for Jaeger can help you make money, too.

Calves—One day to 4 months.
First 30 days Nursing Chow as a milk replacer.
Takes only 25 lbs. per calf.

At 3 days start self-feeding Calf Startena. Keep available in trough at all times.

At 2 months start feeding good-quality hay.

Heifers—4 months till time of freshening.

Bulky Las and oats and barley (or D & F Chow and grain). Feed 1 gallon per head daily until 90 days before freshening, then 3 gal. per day.

Dry Cows—D & F Chow Supplement and oats or barley.

Feed 1 lb. daily per 100 lbs. weight of cow.

Milking Cows—Cow Chow Concentrate and Bulky Las mixed with local grain.

Ask your Purina Dealer for formula best suited to your grain and roughage.

PURINA RESEARCH FARM CALVES

How they compare

by John C. Thompson
Manager Purina Dairy Research

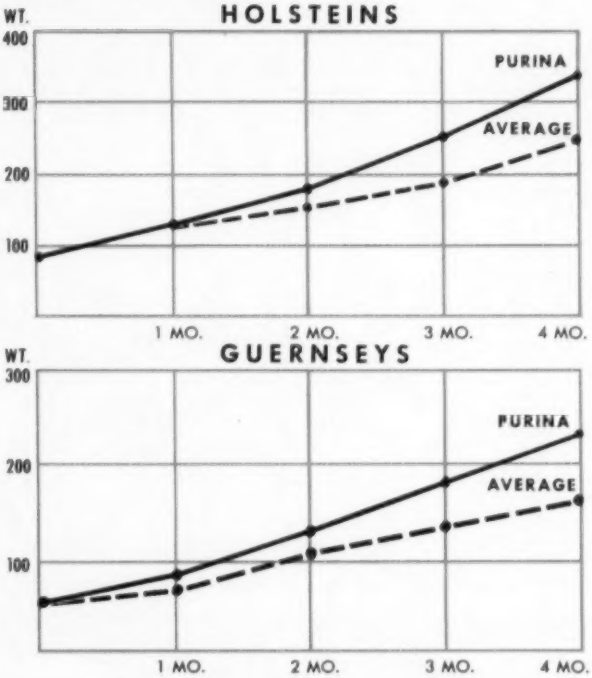
Among cowmen there is a deep-seated opinion that the truest measure of a dairyman's success is in his ability to grow heifers from calfhood to maturity.

The editors of Morrison's "Feeds and Feeding" have long recognized this theory, and for many years have used a Calf Growth Standard, revising it periodically as the growth of average calves has improved.

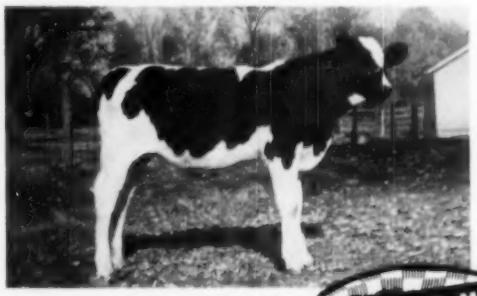
For more than twenty-five years every Holstein and Guernsey calf dropped at the Purina Research Farm has been compared with this standard from "Feeds and Feeding." The comparative results, based on Morrison's 21st edition, are shown in the graphs in the charts at right. This comparison speaks well for the Purina Nursing Chow-Calf Startena feeding program used in developing these Purina calves to four months of age.

One reason for such outstanding early growth and development on Purina-fed calves is the Purina plan for feeding no hay or roughage to calves under two months of age. Experience at the Purina Farm shows that calves allowed to fill up on roughage or juicy feeds don't eat enough of the dry grain ration to keep them growing fast.

Every dairyman's aim should be to develop the best possible heifer, in the shortest possible time, and in the most economical way. The Purina goal is to have Holstein heifers big enough to breed (weight of 750 pounds) at 15 months, so they will freshen at two years of age.



Charts of this kind show *averages*, but the Purina records are made up of individual records. Recently another record was broken at the Purina Farm with a Holstein calf that weighed 424 pounds at four months of age. The previous high was set in October 1953 by a Holstein steer calf that weighed 392 pounds at four months.



Ask your Purina Dealer to help start you on this sound dairy program

MICRO-MIXED
PURINA DAIRY CHOWS

Printed in U.S.A.

if you want TOPS in HEIFERS . . .

UTAH STATE FOUNDATION HEIFER SALE

Salt Lake County Fairgrounds, Murray, Utah—May 7

The fairgrounds are at 5200 So. State St., Murray, Utah. Selling starts at 11:00 a.m. sharp, Saturday, May 7.

50 HAND-PICKED HOLSTEIN HEIFERS

From outstanding Herds of Utah and Idaho — These Heifers are from high producing dams, eligible to be shipped to any state.

NOW IS THE TIME

to get that 4-H or FFA project started . . . or to select real foundation for your herd's future growth. Many of these heifers made a nice showing in the 1954 shows.

For information contact

DEVERE R. WEIGHT
Utah State Industrial School
Ogden, Utah

WILLIS WHITBECK, Sale Mgr.
5770 So. Redwood Road
Murray, Utah

BOB STANLEY, Auctioneer, Paramount, Calif.

Power Steering - - -

- - to Steer Your Breeding Program in the Right Direction

TO SEE IS TO BELIEVE —

That is why we fully believe in aAa analysis as a guide to breeding better Holsteins. In our herd we can see the results of aAa recommended matings and also those that are not recommended. Yes, seeing is believeing! That is the reason that in our planned mating service we rely on aAa analysis. Many of our customers are now breeding their herds this way.

So See Newman Holstein Farms

For Artificial Service To Fit Your Needs

We have a high record Ormsby bred bull, in our battery of herd sires, with the right analysis for that proper mating.

For Your Own Herd Sire To Fit Your Needs

We have aAa analyze your herd without additional cost in order to be assured that you are getting the proper bull for your herd.

Write Today for Information on Both of Our Programs

Accredited aAa Analyzed

NEWMAN HOLSTEIN FARMS

Culver, Indiana

Certified Classified HIR testing

Address Correspondence to: John A. Newman & Sons

(Continued from page 23)

this year as well as the State Fair.

Awards were presented to the following junior members for showing the Grand Champion Holstein females in their respective district shows; Iva Kate Hall, Dorothy Ann McElvey, and Jimmy Cagle.

In their program of work for 1955, the Alabama Association again plans to hold a Junior and Open Sale, a 4-H Judging school, and certificate awards to the high herd and high cow. The herd award will be split into two groups, under 10 cows and over 10 cows.

Officers for the coming year are: President: Efreth Johnson—Rt 6, Box 162, Birmingham; Vice-President: W. R. Cunningham, Florence; Sec. and Treas.: Eugene Shelton, Gadsden.

Kentucky Meeting—1955

At the recent Kentucky Farm and Home Convention week, Holstein members came in running strong for the production awards. These were all presented at the All-Breeds Luncheon. Mr. Jim Cavanaugh, Assistant Executive Secretary, American Jersey Cattle Club was the main speaker and gave a very good talk on "Purebreds".

In the Junior division, first place went to Roger Wooeste and second to Barber Kay Wilson. Both are carrying Holstein projects. Roger's brother is the owner of the Junior A-A 2 yr. old.

The open division saw the Kentucky Baptist Home come in first and R. T. Burns of Louisa third. These are both Holstein herds. The top spot in this division was also won last year by a Holstein herd.

Franklin Wolf was recognized for his achievement of Progressive Breeder. Franklin is the 266th breeder in the U. S. to receive this award and the first in Kentucky.

Mississippi State Meeting—1955

A small but enthusiastic group of Mississippi Holstein breeders met at Mississippi State college for their annual state meeting.

The morning program was built around management practices dealing with the dairy herd. Dr. Tom Miles spoke on the development of young dairy cattle, a very timely topic, especially in the southern states. Next came Dr. J. W. Scales talking on herd health which, Dr. Scales limited to the new Bang's program. He outlined the different programs sponsored by the state and gave the pros and cons of each program. Dr. A. M. Sorensen showed a very interesting set of colored slides to emphasis his talk on breeding problems. These slides showed very clearly what might be wrong with a lot of herd breeders.

George Barrett from Brattleboro spoke on services available to breeders from the National Association and the new HIR herd lactation average that will replace the old HIR herd average.

Officers for the coming year are: President, E. J. Murphy, Indianola; Vice-President, Edith Clarke, Columbus; Sec. and Treas., Robert Coltharp, New Albany.

South Carolina State Meeting

The ballroom of the Wade Hampton Hotel, Columbia, was the setting for this year's state meeting. This makes the third year that the state meeting has been held there.

First on the program was the presentation of awards to the top 4-H Holstein boys in the state. Mr. L. O. Clayton, State Boys 4-H Club agent, made the presentations. The top four boys came from Anderson County, a strong bed of 4-H activity. The fifth boy was from Lawrens County, a county making its bid in 4-H activity in Holsteins. The top five boys were: Kenneth McGee, Hilton Wood, Franklin Norris, Jimmy Palmer and William Brown.

The next item of interest was the presentation of production awards by J. P. La Master, Head Dairy Dept, Clemson College. These awards are broken down into 2X herds and 3X herds. These awards are presented on milk production and not the fat production of the herd or cow.

Top award on herd average in 2X went to Gordon Newton, Tatum, with a herd average of 13,017 M 418 F followed closely by John and Edith Klinger, Liberty with 12,515 M 491 F; next came Clemson College. In the individual awards top cow went to Gordon Newton, Tatum on Elsie Rag Apple Daisy with 21,678 M 3.5% 758 F.

In the 3X division the top herd belonged to O. T. and D. M. Moore of Bradley with a herd average of 11,501 M 3.6% 416 F. High individual cow also went to them on Dotland Birch Rag Apple with a record in 4 yrs. of 17,849 M, 3.5%, 634 F. This herd is built very strongly around the old Overbrook herd sire Dunloggin Design.

Dr. R. W. Carter spoke on the very timely topic of "The Accelerated Brucellosis Program". He emphasised that now is the time for all dairy men to get on a Bang's program and to get their herds cleaned up.

George Barrett of the National of-

PICTURED AT CALIFORNIA MEETING

PROGRESSIVE BREEDERS AWARD RECIPIENTS
Left to right: Allen Johnson, Ceres; Wallace N. Lindskoog, Turlock; W. G. Clark, Hanford; Mrs. W. G. Clark and Tom Mead of University of California who made the presentations.

THE LADIES CAME ALSO
Mrs. Mark Borror, right, was hostess to the visiting state convenion ladies at her home at Sequoia Ranch, Springville.

fice was the key note speaker. George brought the greetings of the National Association and spoke on the Services available to breeders from the National Association. Also, he explained the new lactation average which will replace the old herd average in HIR.

C. G. Cushman, Dairy Specialist, told of last years accomplishments and especially the state sale. This was held in cooperation with Piper Brothers of Watertown, Wisconsin.

New officers for the year are: President, V. W. Hays, Greenwood; Vice President, Bruce Hamilton, Boykin; Sec. and Treas., Paul Brown, York.

Georgia State Meeting—1955

The annual meeting of the Georgia Holstein Association was held on January 26 at Melears Barbecue, Fairburn, Ga. Everyone was on time except the fieldman and the guest speaker George Barrett.

The meeting was called to order by the President, Ray Tidwell. After the reading of the minutes and the treasurer's report, business turned to the coming year.

Once again the "Southeastern Invitation Sale" will be held in Atlanta on July 18th. For the past two years this has been one of the top sales in the United States. Also, a junior sale is being planned and will take place in April if things go right.

This year a trophy is being presented to the high herd for milk in the state of Georgia. This is all breeds and not open only to Holstein breeders. The award goes to Curtiss Avery of Chipley with 28 cows averaging 12,522 lbs. of milk. The next herd that is high was that of Neel and Neel, Cartersville, with an average of 11,736 lbs. of milk. It was found that the seven high herds in Georgia were Holstein herds.

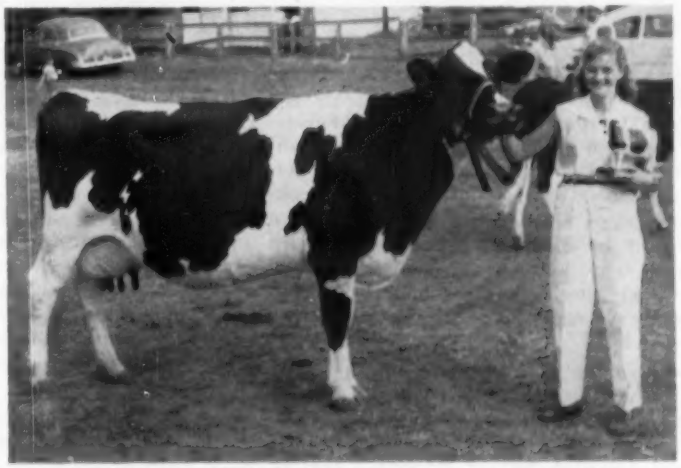
Mr. Tap Bennett, Southeastern Fair Representative, talked briefly on the Holstein show at that fair. He stated that Holstein entries in the past have been small. As an inducement for this year's show the premiums in the Holstein division have been raised to $3000. It is hoped that there will be enough Holsteins exhibited to take up this premium money. The state association also passed a motion to assure every junior exhibitor $5 premium money.

George Barrett of the National Association spoke on the "New Lactation Average" that will be replacing the old Herd Averages. Also, he spent time on the different services that are available to members from the National Association

Mr. Clyde Medlock, Agricultural Agent, of the First National Bank, Cartersville, was presented a true-type cow model for outstanding services in connection with Ga. Holstein work. Clyde has more national members in his area than any other area of Georgia.

New officers for the coming year are: President: Bill Neel, Cartersville; Vice President: Ray Tidwell, Douglasville; Sec. and Treas. T. R. Sullivan, College Park.

NEW CALIFORNIA OFFICERS
Alvin J. Quist, left, secretary, and Hubert J. Trindade, president.



Miss Lillian Smith with "VEEMAN" Grand Champion 1954 Northern Virginia District Dairy Show.

Vigortone's "Dairy Special"

helps maintain high milk production!

Read this Letter from Harvey Smith of Lea Acres Farm!

"My dairy herd has been regularly fed Dairy Special No. 30 since 1948. It was one of the first herds in Virginia to have No. 30 included in the feed. The observed advantages have been many: much better general health, increase in production of milk from D. H. I . A. records and a much better breeding record.

'Veeman' was Grand Champion, her third daughter was Reserve Grand Champion at the Northern Virginia District Dairy Show in 1954. Since 1950, 'Veeman' has had six calves. We have two of her daughters in production, each a substantial improvement over dam in milk and fat. With her being in regular production and being shown every year, she has been a remarkable cow. Without good care and the benefit of Dairy Special, I do not believe this could have been accomplished. Perhaps this letter will encourage other dairymen toward herd improvement."

HARVEY R. SMITH
(signed)
(original on file)

Please write for free descriptive literature on Dairy Special and other famous Vigortone Feed Supplements and Farm Sanitation Products. Warehouses and District Offices located throughout the major dairy sections in the U. S.

For Harmony In the Feed Lot

VIGORTONE PRODUCTS, Inc.
CEDAR RAPIDS, IOWA

Minnesota Annual Meeting

The annual meeting of the Minnesota Holstein-Friesian Association was held at Stillwater, Minn. on March 26, with an attendance approaching the 200 mark. The meeting, which convened in the Stillwater High School, started at 11:00 A. M. with a welcome from George Smart, Secretary of the Stillwater Chamber of Commerce.

State Association President, Hugo Albrecht, New Ulm, was next on the program. His talk was filled with optimism for the future of the Holstein cow in Minnesota and he stressed the fact that the breeders should promote their products.

The minutes of last year's meeting were read by State Secretary, Bob Freeman. This was a very complete report and after its approval, Mr. Freeman gave a resume of last year's state activities.

The remainder of the morning program included a report of auditing committee; a talk on district and county meetings by John Stewart, the National Fieldman for the Holstein-Friesian Association; a report of the sale committee by Axel Hansen; a short talk by Myron Clark, Commissioner of Agriculture in Minnesota; a report of testing activity from Professor Searls of the University of Minnesota; and a few words from the WORLD representative who was present for the day.

After dinner, the first speaker of the afternoon was Lou Conlin, Manager of the Minnesota Dairy Industry Committee. A repeat speaker from last year, Mr. Conlin gave an excellent talk on promotion efforts as related to the Minnesota Holstein breeder. He mentioned these four points that make the Holstein superior to other breeds—1. beauty; 2. economy of breed; 3. versatility; and 4. profit above cost. Mr. Conlin gave a few pointers for breeders to follow when preparing ad copy for promoting their herds and he closed by reporting on the progress made by the A.D.A. promotion efforts.

The second speaker of the afternoon was National Secretary, Robert Rumler from Brattleboro, Vt. He pointed out the new scientific developments that are taking place every day and he explained that the breed associations had to adjust themselves to cope with the problems that come with progress. He intimated that there was a possibility of handling frozen semen the same as calves, complete with registrations and transfers. Mr. Rumler, in closing, said that the two problems that face the individual breeder were the marketing of their breeding animals and the marketing of their dairy products.

In the business meeting that followed, we heard from the Resolution Committee with 5 resolutions pertaining to Minnesota Holstein activity. Next Dr. H. E. Essex, head of the Finance Committee, told of the need for an increase in membership dues to overcome a deficit in last year's Association business. A motion was made to increase the dues as recommended by the Finance Committee and this was passed with very little opposition. The following men were nominated and elected to the board of Directors: Hugo Albrecht, Arthur Jergens, Axel Hanson, Edward Heur, and Leonard Gabbert.

At the board of directors meeting which followed the main business meeting, Hugo Albrecht was reelected president of the State Association; Herbert Filk was elected the new vice president; Arthur Jergens was appointed head of the executive committee; and Dr. Essex was appointed head of the finance committee. In view of the fact that State Secretary Bob Freeman had asked to be relieved of his duties, the board of directors hired Donald Lashbrook to take his place as part time secretary of the Minnesota State Association.

The host club for the meeting was the Washington County Club. The man responsible for the days activities was the veteran Holstein breeder and past president of the National Association, William S. Moscrip, the breeder of North Star Holstein. Mr. Moscrip had the meeting, banquet, and entertainment well planned and everything was on schedule.

The banquet was a roast turkey dinner served by the Trinity Lutheran Ladies Aid of Stillwater. After the banquet, the group of 250 Holstein breeders and their friends retired to the school auditorium for the evening program. William Schafer presented the 4-H awards to Barbara Scheibel and Dale Blank, Minnesota State Holstein girl and boy. Fieldman John Stewart presented 100,000 pound milk certificates to B. J. Huseby, Adams; A. H. Jurgens, Hutchinson; J. C. Marlow, Mankato; Arnold Martig, Dodge Center; Minnesota State Prison, Stillwater; C. H. Mueller & Sons, Lewiston; W. A. Schaffer, Cannon Falls; Ed Seitzer, St. Peter, and Elton L. Smith, Dodge Center. Elton L. Smith also received a bar for his Progressive Breeders Award.

Entertainment was provided by the Montivedeo Quartet, a very amusing barber shop quartet. Wayne Freund, a young baritone soloist, was also a guest singer for the evening. Eleanor Maley, Princess Kay of the Milky Way, was introduced and told about her recent trip to Paris. The featured speaker of the evening was O. M. Ousdigian whose topic was "What Freedom Means".—D.L.M.

FREDERICK COUNTY, MD., ASSOCIATION HOLDS UNUSUAL ANNUAL MEETING

The 33rd Annual Meeting of the Frederick County, Maryland, Association at the Francis Scott Key Hotel, Frederick, the evening of March 25 was a very distinctive occasion. The program talent included National President J. Homer Remsberg, who has also been secretary of this local organization for the entire 33 years of its history, together with all five members of the National Executive Committee. These include Chairman Scott Meyer of Missouri; Leon A. Piquet of New York, Chairman of the Finance Committee; Fred J. Nutter, Maine, Chairman of the Rules Committee; Richard N. Wills, Maryland, Chairman of the Extension Service Committee and T. Hobart McVay of Kansas who will be Chairman of the Resolutions Committee for the 1955 Convention.

A splendid turnout of 241 members and friends enjoyed the dinner and program this being the largest attendance in the history of this Association. Russell Wachter, President, conducted the meeting in splendid style and Ray H. Smith did an outstanding job as Toastmaster. All five of the National Directors made short talks on some phase of the work of the National Association and their presence was tremendously appreciated by the large and interested audience.

Among the invited guests present were Dr. Gordon N. Cairns, Dean of Agriculture and Dr. Glen Beck, Head of the Dairy Husbandry Department at the University of Maryland; Dr. E. J. Weatherby, Manager of the Maryland Artificial Breeding Co-op.; Ralph Walker, President and Howard Barker, Secretary of the Maryland Holstein Association; Allie Messer, Presi-

Milwaukee County Complete Dispersal

May 23 and 24

WAUWATOSA, WISCONSIN

(5 miles from downtown Milwaukee)

175 HEAD — of Holsteins certified on Bang's and all vaccinated.

75 COWS — large and splendid type

51 BRED & OPEN HEIFERS — 45 from a year to two months old

— ALL FEMALES —

A. R. AND DHIA TESTING HAS BEEN CARRIED ON FOR YEARS.

TWO SONS OF PABST REGAL FROM 811 AND 624-LB. FAT DAMS ARE THE PRESENT SENIOR HERD SIRES

— Homestead and Pabst Korndyke Star breeding prominently employed in previous years. A herd that has been reputedly established both in show ring winnings and official test work.

— We have never seen a better lot of heifers sold from one breeding establishment.

More details later — Write

FRANCIS DARCEY, WATERTOWN, WISCONSIN for catalogs —

Please send 50 cents for postage.

PROVED GENTLEST for nervous cows and first calf heifers!

Hinman's NEW Champion Inflations

HINMAN
LOW-VACUUM MASTER MILKER

Why do so many of America's great Championship Herd Dairies now use the Hinman Milker? Because they've *proved by comparison* that Hinman's low-vacuum principle is *safer* and *gentler* to teats and udders!

These experienced dairymen tell us that the Hinman doesn't cause the irritation and soreness associated with harsher machines. They say even nervous cows cooperate when milked the gentle, soothing, Hinman way. Many claim it's the only modern method they've found to prevent swollen udders in young heifers milked for the first time. And all agree it doesn't develop the injuries or weaknesses that frequently lead to mastitis.

Resembles Hand Milking

Hinman's 10" low-vacuum principle—combined with the newly-developed Champion Inflation—is the closest approach yet to skillful hand milking. In action, the new inflations produce a gentle squeeze that starts at the top of the teats and continues downward. This natural, rhythmic movement promotes complete milk flow and practically eliminates stripping. It also allows free blood circulation and helps prevent the formation of blood clots.

See your Hinman Dealer

Write today for free literature.

HINMAN

Established 1900

PIONEER MANUFACTURERS OF LOW-VACUUM MILKING

HINMAN MILKING MACHINE CO.
Dept. HF4, Box 360, Oneida, N. Y.

Please send me free folder on:

☐ Hinman Master Milker for individual stall milking.

☐ Hinman Semi-Line Milker for stanchion type or parlor milking.

Name _____

R. D. No. or Street _____

Post Office _____

State _____

Right from the B-B Feed Bag

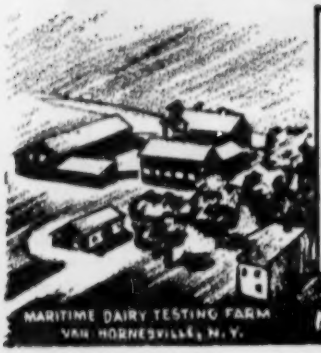
by J.M BEIERMEISTER, Director, Maritime Dairy Testing Farm, Van Hornesville, N.Y.

B-B FED BULL WINS ALL-AMERICAN HONORS

GEORGE ALSONIA REGAL, A PURE-BRED HOLSTEIN BULL, WON NEW HONORS FOR HIS OWNER, ALBERT SWEETLAND, CAZENOVIA, N.Y. IN THE RECENT ALL-AMERICAN JUDGING. HIS CREDITABLE HONORABLE MENTION SHOWING COMPLETES AN ENVIABLE SEASON IN THE PRIZE RINGS. THIS BULL ALSO WON FIRST PRIZE AMONG JUNIOR YEARLING BULLS AT THE NEW YORK STATE FAIR LAST FALL, TOGETHER WITH FIRST PRIZE JUNIOR YEARLING AND GRAND CHAMPION MALE AT THE MADISON COUNTY (N.Y.) BLACK AND WHITE SHOW.

EXCELLENT STOCK-COMPETENT HANDLING & GOOD FEED PAY OFF

MR. SWEETLAND CARRIES ABOUT 100 HEAD OF PURE-BRED HOLSTEINS IN HIS HERD, INCLUDING 47 MILKERS LAST YEAR. A FAITHFUL BULL BRAND FEEDER, HIS FEEDING PLAN INCLUDES B-B DRY AND FRESH COW FITTING RATION TO PUT HIS MATURE COWS IN STRONG, SLEEK CONDITION, — B-B CALF STARTER AND GROWING RATION FOR HEALTHY, STURDY HERD REPLACEMENTS; AND B-B 16% DAIRY RATION TO KEEP MILK PRODUCTION AT PEAK LEVELS. COMBINED WITH AN EFFICIENT MANAGEMENT PROGRAM, THE SWEETLAND HERD HAS ESTABLISHED ITSELF AS ONE OF THE LEADERS IN NEW YORK STATE.



PALATABLE-DIGESTIBLE-NUTRITIOUS

IT WILL PAY YOU TO GET ACQUAINTED WITH B-B DAIRY RATIONS. YOU TOO, CAN BE SURE OF QUALITY FORMULATION THAT LEADS TO TOP MILK PRODUCTION AT LOWEST COST PER FEED DOLLAR.

MARITIME MILLING CO. INC. BUFFALO 2, N.Y.

dent and W. I. King, Past President of the neighboring Montgomery County Holstein Association; Thomas Bentley, National Holstein Fieldman for this territory, and H. R. Shoemaker, Frederick County Agent who has attended every one of the Associations Annual Meetings.

Two charter members of the organization, which started in 1922, were introduced, these being H. H. Werking and J. Homer Remsberg.

A number of musical selections were presented. Secretary Remsberg gave a report on the activities of the Frederick County Club and William Kepler made a report on the Holstein 4-H Club activities.

In the election of officers the following were chosen: President, Manville E. Coblentz; Vice President, C. Lester Dudrow; Secretary-Treasurer, J. Homer Remsberg; Directors, Richard Holter, C. Renn Remsberg, Page K. Ifert, Woodrow W. Fox, Russell S. Wachter. The Program Committee for the year will be President Coblentz, Secretary Remsberg and County Agent Shoemaker.

CAN YOU TOP THIS ONE?

While the average weight at birth of purebred Holstein-Friesian calves is considered to be 94 pounds, a Nebraska dairyman, Herschel Flower, Fairbury, President of Nebraska Holstein-Friesian Association, reports the birth of a Holstein bull calf weighing 165 pounds. The sire is Flower Tidy Fobes 1192193 and the dam is an eight-year-old cow. Both dam and calf are in good condition.

A REAL BOUNCER
He weighed 165 lbs. at birth.

A minister and his hostess were sitting in the parlor when her small son came running in carrying a dead rat. "Don't worry, Mother, it's dead. We bashed him and beat him until—" and noticing the minister for the first time, he added in a lowered voice, "—until God called him home."

Central Ohio Breeders

to the OHIO STATE SALE, May 4-5

MAYTAG DICTATOR MAID 3199474

A 5-year-old with 3 2X records, all less than a year, from 450 to 478 lbs. fat, she is a daughter of a 1071-lb. son of Sir Bess Ormsby Dean, and from a 651-lb. daughter of Sir Ormsby Fobes Dictator.

Due in June to POND GATE OVATION MODEL, son of Curtiss Candy Ovation (GM) and Miss Pride Model Lass.

ROSE-FRONT OVATION INKY 3912022

Just a calf, born August 27, 1954, large for her age and with a lot of type. She is a daughter of POND GATE OVATION MODEL from one of our good cows with records of 519.4, 476.9 and 574 lbs. fat, averaging better than 4%.

This is a pair of nice ones.
See them at Wooster, Ohio, May 4 and 5.

ROSE-FRONT FARM

L. E. BOERGER **IRWIN, OHIO**

P-R-O-D-U-C-T-I-O-N

Our 1954 HIR Average

49 Cows 2x 12,806 m 3.9% 498.5 f

Our 19-year average in HIR on 48 cows is 13,005 milk and 476 fat.

To the May Sale at Wooster —

A 3-yr-old daughter of HOLWYN ELITE, our son of Carnation Holwyn Progressor (SMT) and Holwyn Imperial Mahomet Ormsby (Ex) with 157,804 lbs. milk in 10 lactations.

See you at the sale.

HOLWYN STOCK FARMS

Bouie Bros. R. D. 2 Marysville, Ohio

MONTVIC RAG APPLE SOVEREIGN (xxx - Extra)

Oakton Burton Sovereign

Our son of Sovereign and the former National Champion 2-year-old, Zeldenrust Burton Cornucopia with 8 lactations that total 132,000 lbs. milk and 5342 lbs. fat by 10 years.

His first daughters have:

Gable	2y	365	2X	14,336	3.8	546.7
Maida	2y	303	2X	13,405	(Inc)	500.5
*Bessie	2y	349	2X	11,472	4.0	450.6
Bet	2y	101	2X	4,443	(Inc)	183.9
Gladys	2y	101	2X	5,505	(Inc)	202.6

(* On 3 quarters)

Several more on test now.

Our first 7 cows reported in AR in 1955 average 611.7 fat, 2X—3 are 2-year-olds.

OAKTON FARMS — Johnstown, Ohio

HAROLD MONTGOMERY, Owner
4½ miles N.E. of Johnstown on County Road 15, just off U. S. 62

A Twice 700-lb. 2x Cow...
And a 500-lb. Heifer...
to the OHIO STATE SALE, May 4-5

1. A daughter of MONTVIC POSCH LOCHINVAR No. 1, born April 4, 1948. She has several good HIR records including:

4y	17,360 milk	674.6 fat		
5y	19,080 milk	726.2 fat	305d	
6y	20,577 milk	782.2 fat	(sa)	

Bred Sept. 14, 1954 to HURLWOOD CONQUEROR.

2. A daughter of PABST BURKE VALLEY, born Oct. 26, 1951. She finished her 2-yr-old record at just 500 lbs. fat. Due in May to WEEJOE GRACIOUS WINTORIAS (GM).

Brucellosis Certified — Calfhood Vaccinated
T. B. Accredited

Manfdell Farm

M. & F. Dellinger Co. Plain City, Ohio

Pinwood Gracious Prince Goes To Puerto Rico

— His Sire's Dam —

DUNLOGGIN MISTRESS GRACIOUS (VG)

Over 150,000 lbs. of milk and records up to 971 fat. She is the dam of Cashman Graceful Mister, the sire of Pinwood Gracious Prince and she also is one of the top brood cows in our herd.

He's Right From the Heart of Our Great Blossom Family

Prince's maternal granddam is DUNLOGGIN ORMSBY BLOSSOM, the start of our Blossom family. Purchased in the 1946 Wimbledon Dispersal, Blossom now approaching 14 years of age has a good string of records up to 884 fat in HIR on 2X and she still has an udder that would do a young cow justice. She is a daughter of Dunloggin Ormsby Prince and therefore a paternal sister to Jack Budd's 1479-lb. Donna cow. Her dam is Dunloggin Mistress Blossom, a daughter of Woodmaster out of a 910-lb. cow. **What a pedigree and what a cow. Her 4 daughters in our herd are listed below.**

1. Pinwood Miss Independence

A daughter of Dunloggin Melcross with 512 fat at 2 yrs. and 541 fat as a 3-yr-old. She is the dam of Pinwood Gracious Prince and she is a promising young cow with a great future.

2. Pinwood Melody

The second milking daughter also sired by Melcross and she finished with 555 fat last year as a jr-2-yr-old on 2X. We're expecting great things from Melody.

3. Pinwood Proud Sally

She is another daughter of Blossom sired by Dunloggin Melcross. Milking with 1st calf, she has the appearances of developing into a greater cow than her two older sisters.

4. Pinwood Proud Miss

This heifer, just a calf, is sired by Pinwood Master Aristocrat, our senior herd sire. A ¾ sister to the other three cows, Proud Miss is a valued member of our herd.

PINWOOD — Livingston Manor, N.Y.

BURR SHERWOOD, Owner
DUKE VAN DUESEN, Herdsman

acc. — cert.

Since 1944

We have been doing HIR testing and have developed 12 cows with life records of over 100,000-lbs. milk, all on 2X.

Our average for 54 head last year was 477.8 F. and the year previous, 479.9 and our 11 year average is just under 430 F.—all 2X milking and averaging over 50 head.

We have concentrated on Burke bred sires starting with Pabst Sir Cascade Ormsby and Pabst Sir Belmont Prince. They were followed by two Burke sons, Pabst Burke Barta Cornflower and Pabst Burke Cascader. **"Cascader" is the sire of our National Champion, Rock Valley Burke Beautiful.**

OUR PRESENT SIRES:

Pabst Combel Eyebright (VG at 3 years), a son of Pabst Comet from a VG daughter of Pabst Belmont Creator.

Pabst Walkro—double grandson of Pabst Roamer, son of Pabst Roamer Dean Walker Lad from a Roamer daughter.

We have breeding stock with this backing for sale.

ROCK COUNTY FARM

R. D. 2, Janesville, Wis.

A. G. STEINBORN, Supt. **A. A. JACKA, Herdsman**

ANNUAL IDAHO STATE SALE

FAIR GROUNDS

FILER, IDAHO

FRIDAY **MAY - 6** 11 - A. M.

THE USUAL HIGH QUALITY THAT HAS MADE THIS ONE OF THE COUNTRY'S TOP STATE SALES

All Females

TOPS FROM TOP HERDS OF IDAHO AND WASHINGTON

● CALVES - YEARLINGS - BRED HEIFERS - COWS ●

Sponsored by

IDAHO STATE HOLSTEIN ASS'N.

FOR CATALOGUES WRITE:
R. E. EVERLY
616 New World Life Bldg.,
Seattle 4, Wash.
T. W. RICHMOND, Sec.
Buhl, Idaho

A "VG" Roamer Son From a Great Family For Sale

— HIS "VG" DAM —

MARY STAR SENSATION (Sweetheart Cow)
A VG Daughter of Sensation Marathon Lad (GM)
12y 315d 2X 15938 M. 3.9% 617.1 F.
Still producing at 16 years.

Oakcrest Sensation Roburke Lad (VG-87 pts.)

Born Nov. 4, 1948

Here is your chance to buy a partially proven son of Pabst Roamer (Ex-GM) out of a Very Good daughter of Sensation Marathon Lad (Ex-GM). The dam is Mary Star Sensation with a great string of 2X records up to 617 fat and still producing at 16 years of age. She in turn is a daughter of Mary Star Matador, a daughter of Mary Pontiac Star Champion, the dam of Harden Farms three famous Ednachester cows (2 Excellent and 1 Very Good and records up to 1248 fat). Roburke Lad's first 4 daughters with complete records average 12,560 milk 3.8% 476 fat at 2 yrs. and 8 months. Thirteen records on their dams average 12,746 milk 3.6% 455 fat. These records are actual, copied from our DHIA books. Roburke Lad's five classified daughters average 82.5 all as young cows. His daughters are fast milkers and we are really pleased with them.

We have about 40 daughters of Roburke Lad in our herds with some more cows bred to him. Therefore we feel that his services will be limited if we keep him so we have decided to sell him. We think he is developing into one of Roamer's greatest sons in the east and here is your opportunity to add him to your breeding program or breeding stud. He has Excellent Gold Medal Sires close up in his pedigree and if there was ever a bull to sire longevity — Oakcrest Sensation Roburke Lad is the bull for the job. **Write or visit either of the two farms listed below.**

Bainridge Farm

David K. Bain
Argyle, N. Y.

Both Herds
Accredited & Certified

Oakcrest Farm

Laurence McNeil
Argyle, N. Y.

Kansas Annual Meeting

Kansas Holstein Association held its Annual meeting in Manhattan, West Waters Hall, Kansas State College, Feb. 8th with above average attendance. About 100 were counted at the peak time.

As required by the constitution and by Laws the Board of Directors met the evening prior to the annual meeting at the Gold Room of the Hotel Wareham, Manhattan, to discuss, plan, and to make recommendations to the Annual meeting session.

Mr. Robt. H. Rumler, Executive Sec. The Holstein-Friesian Association of America, dropped in for the Directors meeting and Annual meeting, taking advantage of stopping off on his way from the west coast. He spoke to the group regarding the new herd average plan, Association activity, and the work and problems of the Association.

Deane Skogman, National Fieldman of the Southwest territory told of the legislative bills in many States trying to tamper with the definition of milk and the legal fat content, and urged that vigilance be exercised in Kansas while the legislature was in session. As a result Mr. R. C. Beezley was appointed Legislative representative of the State Association regarding this issue; with T. Hobart McVay as Alternate.

The members accepted the outline of the Fieldman and delegates who attended the Planning Conference at Oklahoma City in early December. The district planning meetings were to start Feb. 24th and run through February. The district Shows will start April 18th and continue through April 27th with the All-Kansas Show being held at Ottawa, April 30th, with the East Central district as host district.

Rates of the Kansas Holstein Quarterly advertising were raised to full page (25.00) half page (15.00) and quarter page (9.00) with Special contract pages at set prices, of (30.00) and (35.00) per page.

It was voted to again hold a Spring Heifer Sale, and each district was to elect a member from their district to the Spring Sale committee. Time of Sale to be set by the committee at their first meeting, with the sale to be at Abilene.

Date of the Annual Fall Sale was set for October 19th, at Herington, and Wilbur Sloan was elected to the State Sale committee as the third and new member for a term of 3 years.

Edward Reed was again appointed as Chr. of the State wide membership committee and was to appoint his overall committee from the districts, with his key men to map out their program of action and to get out material.

Robt. Johnston, Marysville, is the new Chairman of the Youth Activity program, with Gene Franklin, Harold Scanlan, Abilene the new members of this important committee.

As in the past two years the Annual Youth Activity program and luncheon was held in the College cafeteria when the Awards were made to the district winners and the State winner. District winners were Raymond Baker, Iola; Douglas Fellers, Hays; Jane Burns, Harper; Deanna Mueller, Hanover; Maida Tinsley, Canton; Edward Butel, Paola; Robert Ackerman, Sabetha; LeRoy Martin, Larned; Donald Beach, Smolan; and Joan Perry, Topeka.

The State winner receiving a gold watch was Donald Beach, Smolan; of

(Please turn to page 84)

Our Wisconsin Breeders' Sale

Tuesday, May 10 — Watertown

AT CLYMAN FARMS INCLUDES—

SOME TOP FEMALES: A springing daughter of Stardust Commander from a 576-lb. dam; a daughter of Broadrock Master Wayne from a 423-lb. 2-yr-old; a daughter of Twelvelms Man-O-War Homestead Lad from a 443-lb. 2-yr-old; a 456-lb. 2-yr.-old granddaughter of Weber Burke Cyclone; a 2-yr-old daughter of Sir Reburke Fobes from a 649-lb. VG daughter of Creston Grand Master—as well as other good females of equal merit.

Included with the males is a yearling son of Pabst Burke Belvale from a 645-lb. VG cow. . . . A son of Lange Re-Charity (son of Regal from Wis Charity—1000 F) and from a 450-lb. 2-yr-old daughter of Roamer.

We'll have quality, type and breeding represented in this sale—animals as good as can be bought anywhere.

Baird & Darcey — Watertown, Wisconsin

The ARTHUR VOLKMANN Dispersal

50 Registered Holsteins — Established 1900

WEDNESDAY — MAY 25 — JUNEAU, WIS.

At the farm, 5 miles south of Juneau, then 3 miles west, off Highway 26. 12 miles north of Watertown.

Farm Rented — Herd Must Go!

A good herd of 36 cows and bred heifers, the balance yearlings and calves. Includes 20 daughters of GRAY VIEW EMPEROR MERCURY, and 20 daughters of CLOVER LAWN INKA COMMANDER. DHIA testing carried on successfully over many, many years with averages over 400 lbs. fat. Herd vaccinated and negative.

For catalogs write:

FRANCIS DARCEY — Watertown, Wisconsin

A Succession of Burke Bulls at Trunlan

First (and still head man) — Pabst Burke Pilot (VG-SMP)

Our son of Wisconsin Admiral Burke Lad (VG-GM) from the 821-lb. Ponderosa Bonnie Ormbsy. He is a full brother to Pabst Burke Bonnie (EX). He has 19 HIR and AR daughters up to 743 fat and his daughters are getting better every year.

Second (now dead) — Pabst Roburke Barcader Prince (VG)

This former herd sire was a double grandson of Burke, by Pabst Roamer (Ex-GM) and from the 837-lb. Pabst Burke Barcader Prince. He crossed well with the pilot daughters and we were fortunate to get this infusion of Roamer blood in our herd.

— Dam of Our Junior Sire —

LARRIETTA BURKE BONNIE (EX)
Own daughter of "Burke" with—

7y	365d	3X	20,958	4.1	863.7
5½y	365d	2X	18,158	3.9	705.8

Third (our Jr. Herd Sire) Pabst Sir Fobes Burke

This outstanding 3-year-old bull is a son of Pabst Sir Regal Fobes and out of a 863-lb. daughter of Wisconsin Admiral Burke Lad (pictured). Since he is our third successive Burke sire, his calves carry 3 and 4 crosses to Wisconsin Admiral Burke Lad. We think his offspring are the most promising yearlings we have ever had.

TRUNLAN FARMS

Winchell Mt. Road, Millerton, N. Y.

JOSEPH KIERMEIER, Mgr. Acc. - Cert. EVI C. SCHOLZ, Herdsman

To The Convention Sale

SHAWS DUNLOGGIN TIDY UNA

2-7 365d 3X 17,350 3.9% 685.

Now Finishing

A STILL GREATER RECORD

She's due in June to service of
SHAWS DAUNTLESS CRETE TIDY—EX-G.M.

In fact, she's a daughter of a Gold Medal bull, bred to a Gold Medal bull with the same granddam - - -

DUNLOGGIN TIDY MISS, Ex.
Life Production 133,389 4% 5401.7

You will notice in the announcement of my Dauntless-Dunloggin Sale — Holstein World, March 19—the National Convention sale will be my only consignment offering for 1955.

SHAWS RIDGE FARM

HAROLD J. SHAW, Sanford, Maine
Herd Calfhood Vac. & T.B. & Bang's Accredited

One of Our Herd Sires...

Gray View Pansy Pilot

PANSY PILOT (GP at 3y)

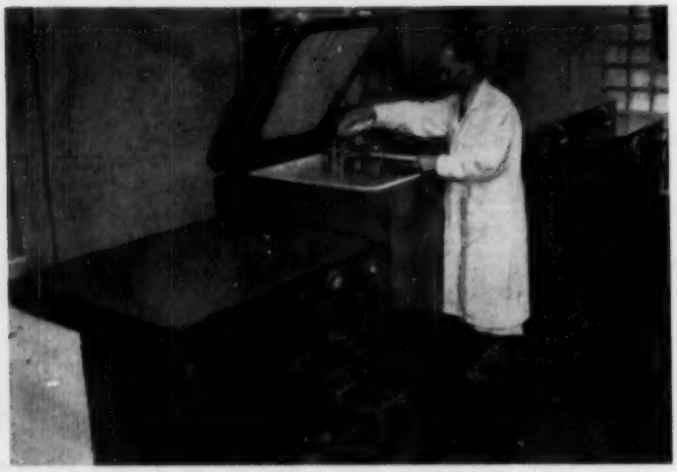
Son of Pabst Comet (GM) and Pansy Burton De Kol Burke (Ex), with 2X records to 850 fat and with a 6-lactation total of 121,000 lbs. milk—she by Sir Pansy Beets Ormsby Burke (SMP).

The Pilot daughters are most pleasing—the first one to be sold in public sale is going to the Maine Heifer Sale at Vassalboro on April 23.

Maple View Farms

Corinna, Maine

FRED J. NUTTER ROBERT NUTTER
Certified-Accredited-Vaccinated



Charley Knoop, laboratory manager at COBA, places a tray of ampuls in a drawer of the new mechanical refrigeration unit.

COBA CONVERTING TO FROZEN SEMEN

By OLEN V. MANN

Frozen semen appears to be the answer to a purebred Holstein breeder's prayers. To the present time some have used artificial breeding only on a limited scale because they desired to follow certain bloodlines and only a few bulls were available to them on any one day. Frozen semen is offering the breeder a selection from many sires.

Here are some of the other many advantages frozen semen has over liquid semen. The breeder can now select a particular bull for improvement of type characteristics on any one cow. Frozen semen is also making it possible to have a supply of semen on hand from a bull long after his death. Last year the Central Ohio Breeding Association, a farmer-owned cooperative, was still breeding cows to a bull 14 months after he died.

It has been proven that semen can be frozen and stored at low temperatures for an indefinite period of time. In the past it has been necssary for a bull stud to keep many bulls to get its required supply of semen. Frozen semen will make it possible to own fewer and an even higher caliber of sires.

With use of liquid semen some 85 per cent is lost two or three days after collection because of aging. Frozen semen permits the use of 90 per cent with only about 10 per cent discarded due to sampling for examination and testing, losses in transportation, failure to live in storage, glass breakage, etc.

Frozen bovine semen is a relatively new discovery. However, two Englishmen were doing research work with it some four or five years ago. It came to Ohio about two years ago. Research work was carried on by the Department of Dairy Science at Ohio State University in cooperation with COBA. Its use on a practical basis began a few months later.

The Central Ohio Breeding Association, realizing the above advantages to the breeder, started to field test frozen semen on a small-trial basis in February of 1954. The first COBA technician to start on 100 per cent use of the frozen semen was located within easy reach of the bull stud headquarters. COBA was able to keep close check on his progress and assist him in his pioneer work.

Four months later, six more COBA technicians started using frozen semen entirely. By early December of 1954, twenty-one technicians in the 57 counties served by this association were breeding approximately 30 per cent of all services to dairy and beef cattle with frozen semen.

Results have been gratifying! Even though frozen semen must be more skillfully handled than liquid semen, technicians using the frozen material are getting equally as good conception as their fellow COBA technicians using liquid semen.

COBA is now moving as rapidly as is possible to the entire conversion of all its technicians to use of frozen semen.

Frozen semen is also being shipped from COBA to points throughout the United States. It is having its far reaching results because of its preservation qualities. However, for a breeder to use it, he must have a source of dry ice which will maintain a required temperature of 110 degrees below zero, Fahrenheit. He must also know how to properly handle the semen.

Before December, 1954 COBA had stored frozen semen entirely with the use of dry ice. This maintained the required temperature of 110 degrees below zero, Fahrenheit. However, dry ice proved to be a costly item. The organization had three storage banks with a combined capacity to hold 15,000 ampuls. An ampule holds enough semen to breed one cow.

A little figuring showed a mechanical refrigeration unit with a capacity of 57,000 ampuls would be paid for in about two years with the saving on cost for dry ice.

A unit of this type was purchased early in December, 1954. Semen is now being stored at 120 degrees below zero, Fahrenheit, in the new mechanical box. It can be set to maintain temperatures of 140-150 degrees below zero, Fahrenheit.

COBA feels frozen semen will be a "big boom" to Holstein breeders. At present this organization can offer dairymen service to five Gold Medal bulls: Pabst Burke Tritomia Don (dead, but frozen semen still available), Weejoe Gracious Wintorias, Hurlwood Conqueror, Pabst Signal, Eglantiers Rag Apple Dutchland, and Bill Bess Burke.

COBA can also provide service to four additional Silver Medal Type sires: Rag Apple Var Model, DHIA Proof (dead, but large quantities of frozen semen in storage); Pietertje Maid King, DHIA Proof and Carnation Cedric Inspiration, DHIA Proof.

This bull stud has one additional Silver Medal Production sire: Carnation Governor Prosperity.

Dean Shoemaker, the first COBA technician to use frozen semen 100 per cent in the field, examines an ampule of frozen semen. Semen is held in Pyrex ampules.

The author is Publicity Director of the Central Ohio Breeding Association (COBA), Columbus, Ohio.

A whole new fleet of all-new haulers, ready for your job right now!

CHEVROLET'S NEW LINE OF TASK-FORCE TRUCKS

Altogether new! New models . . . more models . . . higher G.V.W.!
There's a handsome new Chevrolet truck for your farm hauling job!

Here's what happens when America's leading truck builder pulls out all the stops! Here are trucks that are new from the drawing board out!

NEW STYLING IN TRUCKS

Fleet, functional styling that fits your job! For the first time in any truck line, *two* distinctly different styling treatments are offered—one in light- and medium-duty models, another in heavy-duty models. You'll take pride in the modern, efficient appearance of your handsome new Chevrolet Task-Force truck.

A NEW OUTLOOK FOR THE DRIVER

The completely new Flite-Ride cab is everything a driver could wish for, from its big Sweep-Sight windshield to its concealed Safety Step that keeps clear of mud or snow!

6 NEW "HIGH VOLTAGE" ENGINES

With a new 12-volt electrical system for quicker, surer cold-weather starting, increased generator capacity and finer engine performance—plus a long list of other advances. They're the smoothest, quietest, most powerful Chevrolet truck engines ever built!

AND MUCH MORE THAT'S NEW

Like the smoother, load-steady ride . . . new High-Level ventilation . . . tubeless tires, standard on ½-ton models . . . Power Brakes* for all models, standard in 2-ton models . . . new 18,000 lbs. max. G.V.W. in 2-ton models. And there's a new, wider choice of transmissions, including new Overdrive* and Hydra-Matic*. New Chevrolet Power Steering* available, too.

See the newest things in trucks at your Chevrolet dealer's now—new Chevrolet Task-Force trucks! . . . Chevrolet Division of General Motors, Detroit 2, Michigan.

**Optional at extra cost. Overdrive available on ½-ton models, Hydra-Matic on ½-, ¾- and 1-ton models.*

We Are Proud of Our Senior Sire

INGLECROFT GOVERNOR BURKE VICTOR
(Better known throughout Texas as "Big Shot")

His first 11 daughters to complete lactations (100%) increased production over dams on both milk and butterfat.
His first 11 daughters made him a Silver Medal Sire. His offspring have also been consistent prize winners in Texas shows—winning a total of 28 championships.

His sire is the Excellent Silver Medal Production Pabst Burke Ina, formerly of Texas A & M College and a son of Wisconsin Admiral Burke Lad. His dam is our daughter of the Governor who made a record on our farm at 7-6 of 2X 365 days 16805 lbs. milk 4.5% 761.9 lbs. bf. He is a Preferred Pedigree Sire.

Other Herd Sires in active service on the Carrington Farms include: **OOSTIE STANDOUT,** All American Senior Yearling, 1954 and All American Bull Calf, 1953. **PINE ARBOR WALKER FOBES DEAN,** Excellent, All American Junior Yearling, 1950. **CARNATION PROGRESSOR VICTOR**—our young son of Hallrose Progressor.

Contact us for your needs in Holsteins acclimated to Southwest and Latin American conditions. Write us for our free Holstein Herd Sire Directory.

Joe C. Carrington
Owner

CARRINGTON FARMS

Jack Kay
Manager

Mail Address: Box 1175, AUSTIN, TEXAS **7 Mi. South on Hwy. 81**

RES ALL-AM. PRODUCE 1954

Nearest the camera is Christy Homestead Forerunner owned by Rahr Malting Company, All-American 2-yr-old of 1952; behind him is Christy Homestead Foreteller, Res. All-Am. 2-yr-old of 1954, owned by Piper Brothers.

They are full brothers by Carnation Homestead Highboy (Ex-GM) and from a daughter of Oostie King with over 100,000-lbs. M. Their maternal sister has two records over 800, was 1st on the 1953 Honor List for both M. and F.

Send for copy of free booklet entitled, "The Homestead Line" in which you can read more about "Highboy" and our breeding program as well as that of the other Wisconsin herds who have followed the Homestead line of breeding.

NORTH STAR HOLSTEIN HOMESTEAD

CHRISTOPH FARMS

CHILTON, WISCONSIN

(Continued from page 80)

the Central district. Presiding at the luncheon meeting was President J. W. Carlin, Smolan; and the presentation of the awards was by the 1954 Chr. of the Youth Activity committee, Edmond Fellers, Hays. Those making short talks at the luncheon in addition to President Carlin and Edmond Fellers were Robert Rumler, Exec. Sec., Brattleboro, Vermont; Joe P. Eves, Meredith Publishing Co., Chicago; and J. Harold Johnson, State 4-H Club Leader, Kansas State College.

At this meeting the 100,000 lb. certificates were presented by Fieldman Deane Skogman, and the Progressive Breeder Plaques or bars were presented to Albert Ackerman, Sabetha; Wallace J. Beckner, Belle Plaine; Lloyd Schultz, Pretty Prairie.

Officers elected were Dale Hughes, Waldron, President; Vice-Pres. Edmond E. Fellers, Hays; Director at Large, George Heersche, Mulvane; and Sec.-Treas. Earl N. Phillips, Route no. 4, Manhattan.

The district directors will be elected at the district planning meetings.

At the Dairymans Dinner, always a high light of Dairy Day at Kansas State Prof. J. B. Fitch, former head of the Dairy Dept of Kansas State was honored, and his picture was presented to the College by W. H. Mott to hang in West Waters Hall; along with that of Mr. Mott who was honored at a similiar occasion last year, and James Linn, whose picture was the first to hang as presented by the Inter-Breed Dairy Cattle Council of Kansas.

T. Hobart McVay, and Mrs. McVay, Neckerson, retiring Sec. of the Holstein Association of Kansas was presented a fine Seth Thomas clock, by the members of the Kansas Association in honor of their services rendered the Association the past 10 years as Secretary. The presentation was made by Quentin J. Kubin, McPherson, a past President for President J. W. Carlin, who could not attend the Dairymans dinner.

All mail of Association nature will now go to Earl N. Phillips, Route 4, Manhattan, Kansas. The Quarterly will continue to be printed at Nickerson, and Mr. and Mrs. Beinecke, of the Nickerson Argosy will cooperate with Earl Phillips in the routine Quarterly.

—Reported by T. Hobart McVay

Speaking of calendar reform, the fellows around the garage say it's O. K. with them, as long as it just reforms the numbers, and not the pictures.

Roamer — Comet — Montvic Chieftain — KPOP

That's What The Modelynes Are Made Of

We have line-bred these bloodlines successfully around female families selected for size, longevity, breeding efficiency, and high production with smooth type. It has been our livelihood for the past 33 years. We have shown two herd sires to Reserve All-American, and bred and developed one Junior All-American. The MODELYNES today constitute a family which has stood the test of time.

Breeding Stock For Sale

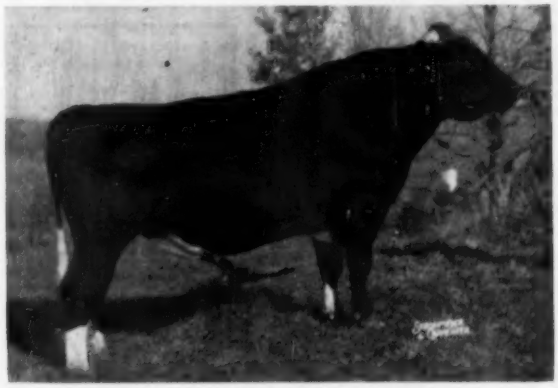
Modelyne Valley Farms

NESHANIC, NEW JERSEY

J. IRVING STRYKER — Accredited — Negative — JOHN I. STRYKER, JR.

Mathewsfield Lucifer — Our New Jr. Herd Sire

His Sire — An Intensely Bred Rag Apple



RAG APPLE ABBEKERK JOVE

His Sire
Rag Apple Abbekerk Jove

He is the Matthewsfield herd sire and a son of Elmcroft Scepter (XXX) out of Montvic Abbekerk Jewel (*Ex), the 1019-lb. full sister to Montvic Lochinvar.

His Dam: Korndyke Lucifer Echo (Ex)

She is a daughter of the great Lauxmont Admiral Lucifer and she has five records that average over 650 lbs. fat on 2X. Her high record was 757 at 6 years but she is now going past that mark at 7 years. She has 2 outstanding daughters in the Mathewsfield herd.

His Maternal Sister

MATHEWSFIELD R A LUCINDA
3092011
Now completing her third lactation and making over 22,000 lbs. milk with 850 lbs. fat.

Mathewsfield Lucifer will be used on daughters and granddaughters of Dunloggin Ormsby Lochinvar (Montvic Lochinvar x Dunloggin Mistress De-Ormsby) and Curtiss Candy Dandy Elmer (Curtiss Candy Renown Dandy x Dunloggin Mistress Grace). We feel that he is the bull to continue our Dunloggin-Rag Apple program.

WILLOW RIDGE FARM

acc. — cert.

LAWRENCE LINDQUIST —:— WILLOW GROVE, PA.

LITTLE BROOK FARMS

ANNUAL HOLSTEIN HEIFER SALE

MAY 2 — MONDAY — CAZENOVIA, N. Y.

At the farm located 4 miles south of Cazenovia and Route 20, Madison County, N. Y. 1 mile east of Route 13 on paved East Road leading from Cazenovia to New Woodstock. 18 miles southeast of Syracuse, 20 miles west of Earlville. Sale at 11:00 a.m., lunch available, catalogs at ringside.

90 Registered Holsteins

77 Heifers Bred for Fall & Early Winter — 3 Young Bulls

A Dozen Heifers Fresh or Close up

Many Heifers From High Record Dams — Up to 765 Fat, 20,260 milk

50 DAUGHTERS OF THESE GREAT SIRES

HILLMAC SOVEREIGN (GM)
CARNATION RADIANT WONDER
PEBBLE BEACH PRINCE KATE
AIRY RIDGE ORMSBY PAUL
WOOSTERDALE IMPERIAL DEAN
WINTERTHUR FOBES STAR BRUCE
MARK MODEL DESIGN
HEDGE ADEAN ADANA
CARNATION IMPERIAL CAVALIER (EX)

CARNATION MADCAP MUTUAL
PEBBLE BEACH PRINCE OF WAYNE
POESTENKILL ABEGWEIT FAFORIT
BOND HAVEN RAG APPLE ESQUIRE
GRAYMAR TRIUNE MODEL BESSIE
GENODALE RAG APPLE LADDIE
PABST KING BELWAYNE
SHELTER VALLEY PROGRESSOR
WINTERTHUR VICTOR SELECT ARAB

MINNOW CREEK EDEN DEGRAND
SEELY BROOK PEBBLE BEACH POSCH
KURTZHURST OLLIE EDUCATOR
WINTERTHUR SELECT FOBES WALLACE
HIGH MEADOW FARM MASTERPIECE
GENODALE EDUCATOR QUALITY
STAFFORDSHIRE MONTVIC CRUSADER

A SON OF "ADA" SELLING

SEARSFARM RESOLUTE COUNTESS ADA (EX)
5y 314 2X 24,097 3.6 875.3 HT
Life: 10 Lacts. 186,655 Milk 6265 Fat
Her son, GENESEE FARMS RESOLUTE AL, born 9-8-53, bred to 50 head and selling. By Knollwood Alcartra Chieftain.

ALFALFALAND SUZONE KEYES

Herd Sire No. 2

Born July 11, 1953, by Alfalfalands' son of Carnation Ringleader and out of Conk Suzone Ruth with 784 fat 20,470 milk on 2X at 6y (Henry Samson says she's one of the best cows he ever owned). 20 heifers bred to this bull.

These 3 Bulls Are Nice Individuals

BUTTERFLY THUNDERCLOUD DUKE

He will be a year old in June. By the $10,200 highly proven PEBBLE BEACH DUKE PRINWAYCESS and from a 2-yr-old with 578 lbs. fat, 17,651 milk.

All personally selected by the owner from some of the very best herds of New York. QUALITY and BREEDING to suit anyone—a finer group will not be sold in the east this year. All females bred long enough will be examined for pregnancy. Nearly all vaccinated for Bang's. T.B. and blood test within 30 days—they will be—

-- READY FOR SHIPMENT OUT OF STATE WITHOUT DELAY —

Cazenovia is 20 miles from Earlville. Animals will be cared for until after the May Earlville Sale if desired.

TERMS CASH, or credit can be arranged with E. J. Keane of The Merchants Bank of Syracuse. Your inspection of these fine heifers invited anytime.

R. AUSTIN BACKUS Inc.
Sales Mgr. & Auctioneers
MEXICO, N. Y.

LITTLE BROOK FARMS
Harold B. Lee, Owner
CAZENOVIA, N. Y.

Catalogs Now Available

The 32nd Annual

BIG MAYTIME EARLVILLE SALE

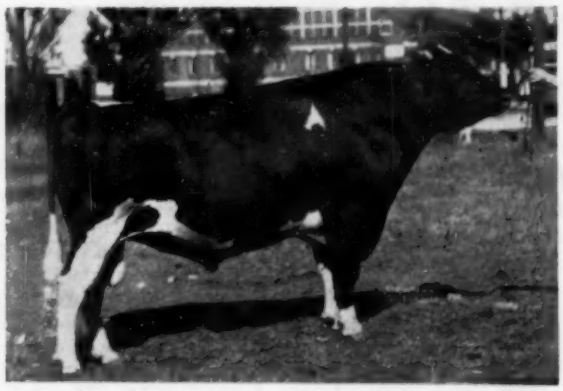
May 4 & 5 - Wednesday and Thursday - Earlville, N. Y.

LOCATION: On Route 12-B at the Madison-Chenango County Line, 40 miles southeast of Syracuse; 30 miles southwest of Utica. 50 miles northeast of Binghamton. Comfortable Sale Pavilion . . . Sale starts at 10:00 a. m. each day . . . Hot dinner available at noon.

275 REGISTERED HOLSTEINS

● 85 Fresh & Close Springers ● 85 Bred Heifers ● 80 Open Heifers
● Many Heifer Calves ● 25 Top Herd Sire Prospects

HEALTH: A large number available for shipment anywhere — Certified, Accredited and Vaccinated. All from Accredited herds — majority calf vaccinated. Milkers mastitis tested. Every protection for both buyer and seller.



MONTVIC RAG APPLE SOVEREIGN (XXX-Extra)
His two sons and their offspring made history at the General Cochran Dispersal. Sovereign is regarded as one of the greatest sires of the breed. One of his daughters will sell in this Maytime Sale and she is due sale time to one of his greatest sons, Sovereign Cochran (VG-GM). **Consigned by Smith Brothers, Springville, Pa.**

AN OWN DAUGHTER OF SOVEREIGN SELLS

Due Sale Time to Sovereign Cochran

From Smith Brothers, Springville, Pa.

We have always stressed this Maytime Earlville as a bred heifer affair and we have made a real effort to select the kind of cattle that will go home and make money for you. Coming right at pasture time, it will be your opportunity to take some bred heifers home to assure yourself of more milk in the fall when it really counts. **We have two daughters and a son of Hamaret The Artist Arab from Harold May, Canandaigua, N. Y. Then W. S. Bumpus, Syracuse has another choice consignment of heifers comparable to the group he sold in April.**

An Unusually Fine Offering of Heifers!

PLUS MORE THAN THE USUAL NUMBER OF FRESH AND CLOSE SPRINGERS

Your Opportunity To Select From Almost 400 Head

Little Brook Heifer Sale
May 2nd

Big Maytime Earlville
May 4th & 5th

Take a look at the opposite page and note the selection of bred heifers available at the Little Brook Heifer Sale. Coupled with the big Maytime Earlville which is only 2 days later, you can afford to come a great distance to fill your needs. Buy with confidence at Earlville, the marketing place for good Holsteins.

EARLVILLE — AMERICA'S OLDEST HOLSTEIN MARKET PLACE

R. Austin Backus, Inc.

Sale Managers & Auctioneers Mexico, New York

Holsteins at the Sales

The Miller Acres Dispersal

CATALOG SUMMARY

41	Females 2y & Over (6 calves under 3 mos. s.w.d.)	$21,420	$522.44
1	Bred Yearling	1,090	181.67
8	Open Yearlings	320	320.00
6	Heifer Calves Over 3 mos.	2,845	355.63
12	Bulls over 3 mos.	2,350	391.67
68		6,855	571.25
		$34,880	$512.94

Averaging $512.94 on 68 head, the Miller Acres herd, owned by Francis Ryan, Billings, N. Y., was dispersed at the farm on March 26. Dunloggin breeders and others present from a wide area of the east appreciated the strong bloodlines of the animals, the result of years of study and effort by the former owner, Barton Miller of Poughkeepsie. Presented in excellent condition, the herd was readily accepted by buyers representing eight states, including Vermont, Connecticut and Rhode Island to the east, Maryland to the south, and Michigan west. R. Austin Backus, Inc., Mexico, N. Y., managed the event.

A consistent buyer was Stephen A. Kelly, Jr., Hopewell Jct., N. Y., who took eight head with an outlay of $4540, including the top bull at $1500, the September calf from Dunloggin Mistress Papoose. The Misses Patricia & Roberta Behrman, Newtown, N. J., averaged over $1000 a head for the four they acquired, numbering the $1600 top cow in their list, 12-year-old Dunloggin Golden Ellen, outstanding matron of the herd. All told there were eight head in the four-figure bracket, with 29 others selling from $400 to $850.

The Top Female

Dunloggin Golden Ellen 2330519 is a maternal and ¾ sister to Proud Mistress, Mistress Melody and Fond Memory, being out of the 3-time All-American Dunloggin Elenora. By Dunloggin Golden Cross (VG), she sold as a yearling in the Dunloggin Dispersal for $3100, has made up to 758.9 lbs. fat, 22,740 lbs. milk on 2X (at 5½y), and at sale time was recently bred to Greenwood Sir Della, a son of Skokie Great Ovation. She was milking since last September in this lactation. Her purchasers, the Behrman sisters, also took two younger females at $1000 each—Sutten Oaks Pabst and Miller Acres Lady Pearl. The Sutten Oaks cow, a 3-year-old, is by Dunloggin Strath Var (GM). Lady Pearl, a heifer bred to Maple Haven Master Var, is by the son of Master Var and Lauxmont L Zita, from a daughter of Helengeorge Master Admiral (GM). The Behrmans' fourth purchase was a $675 Master Var daughter from the same female line as Pearl. Contending bidder on the $1600 top cow was Guido DiTello of South America.

The Top Bull

The $1500 June bull calf, Miller Acres Master Chief 1235166, a straight son of Maple Haven Master Var and Dunloggin Mistress Papoose (VG), went to Stephen A. Kelly, Jr. who also took several of the choice heifers.

Contending bidders on Master Chief were D. Q. Adams & Robert Kauffman, Mifflintown, & C. D. Lownes & Son, Newtown, Pa., who later purchased Miller Acres Golden Var for $1130. This September bull calf is by Maple Haven Master Var and from the Golden Ellen cow who topped the sale, thus carrying a solid Dunloggin pedigree.

Maynard Hall, Clyde, N. Y., paid $1250 for Otco Admiral Gem 2994176,

(Please turn to page 90)

THE 8th TWIN-STATE SALE

FAIRGROUNDS – HARTLAND, VT.

Wednesday — April 27 — 11 A. M. (D S T)

54 HEAD FROM 35 CONSIGNORS OF NEW HAMPSHIRE AND VERMONT

18 COWS – 35 BRED HEIFERS – 1 OPEN YRLG.

All from T.B. Accredited Herds – Mostly From Bang's Certified Herds, Calfhood Vaccinated. Blood Tested 30 days – Ready for Out-of-State Shipment – Health Charts at Sale.

CONSIGNORS:

Vermont

Bishop 1, Brown 1, Farrell 5, Hathaway 2, Hathorn & Son 2, James K. Howe & Son 2, James K. Howe 1, John A. Howe 1, Paul C. Howe 1, Huntley 1, Lewis 2, Mallary Farm 2, Richard Mallary 2, Maxfield 2, Putney School 2, Rogers 1, Sherlock 1, Orin Thomas & Sons 2, Vt. Agric. Ex. St. 2, Tyler 1

New Hampshire

Allen & Sons 1, Barney 1, Flying Cloud 3, Fowler & Sons 2, Frizzell 1, Hill 1, Joppa Hill 1, Juniper Farm 1, McMasters 1, Patch & Sons 1, Putnam & Son 1, Slayton 1, Sprague 1, Stiles & Sons 1, UNH 2, Valley Farms 1

RECORDS TO 578 FAT 2 YRS., 2X – 650 FAT 2X MATURE HEIFERS FROM DAMS TO 795 FAT 3X.

9 DAUGHTERS OF GOLD MEDAL SIRES SELL, ALONG WITH DAUGHTERS OF SILVER MEDAL TYPE AND SILVER MEDAL PRODUCTION SIRES.

SELECTIONS BY:
Charlie J. Howe, Tunbridge, Vt.
Kenneth R. Fowler, Durham, N. H.

CATALOGS AT RINGSIDE or by mail on request to W. A. Baker, see address below.
HOTEL accommodations at Windsor or White River Jct., Vt.

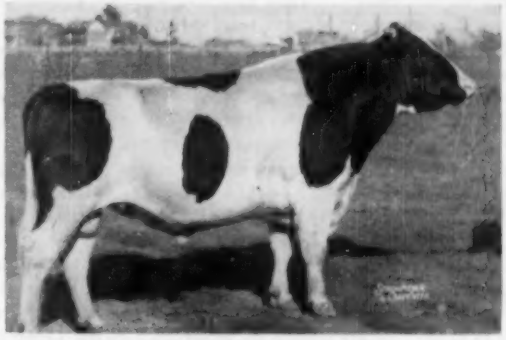
Under Direct Management of
VERMONT-NEW HAMPSHIRE HOLSTEIN ASSOCIATION

T. R. LANGDELL
Wilton, N. H.
Auctioneer

SALE UNDER COVER
CATERER
ON GROUNDS

W. A. BAKER
Exeter, N. H.
Pedigrees

Three Granddaughters of "*Nobleman*"



MONTVIC RAG APPLE NOBLEMAN (EX-SMP)
Our foundation sire, by Raymondale Ideal Successor from Montvic Chieftain Abbekerk. We have been intensifying his blood through the use of his best sons.

To The

BRED HEIFER CLASSIC

SPRINGFIELD, MASS.-APRIL 29

Our advertisement in the March 19 issue on this consignment gave the incorrect sires of these heifers. One is sired by Mt. Hope Rag Apple N Robert (son of Nobleman) and the other two are by Devine Glenafton Rag Apple Master, a son of Glenafton Scoutmaster from a daughter of Nobleman.

BRED TO "BOOSTER" — Glenafton Booster is our full brother to Glenafton Laurel Vee with 960 lbs. fat, the second highest record 2X daughter of Marksman. Rich in RAG APPLE inheritance of the highest quality!

DEVINE'S MT. HOPE FARM

T. J. DEVINE, Owner — **Taunton, Massachusetts** — O. T. CHARLEWOOD, Mgr.

---

to the Bred Heifer Classic

April 29th

Eastern States Grounds

West Springfield, Mass.

A real nice daughter of Sir Ormsby Alice, born Aug. 15, 1953. Her sire, Sir Ormsby Alice, now has 17 daughters with records from 600 to 829 lbs. of fat. The dam is a good daughter of Pabst Roamer with 12,053 milk, 3.9%, and 470.2 fat. This outstanding heifer is due in early fall to Hartsbrook Sir Ormsby Beauty, 2nd prize Sr. Yrlg. Bull at Eastern States.

We are also consigning a good daughter of Hartsbrook Ormsby Sir Alice, a prize winning son of Sir Ormsby Alice from an Excellent cow with over 100,000 lbs. milk with a 4.1% test. This heifer is due soon after the sale.

We have for sale, at private treaty, a 2-yr-old son of Pabst Roamer ready for heavy service.

HARTSBROOK FARM

O. C. WEST — HADLEY, MASS.

Accredited & Certified

GOLD MEDAL BREEDING

to the Twin State Sale — April 27

A BRED HEIFER

- **By a Gold Medal Sire**
- **Bred to a Gold Medal Sire**

The heifer is by TYLER FARMS RAG APPLE SENSATION 889181 (VG-GM) and bred to WALKER HOMESTEAD DAWN 1038118 (VG-GM), due in July.

Her dam has these records:

2-7	365	2X	13,889	3.8	525
4-0	264	2X	13,824	3.9	540
4-11	287	2X	15,815	3.9	572
5-11	305	2X	17,887	3.8	683
7-0	247	2X	14,737	4.0	587
*7-11	203	2X	13,382	3.8	511

* Incomplete

The next dam has 16,906 milk, 580 fat, 2X. A maternal and ¾ sister to the heifer has in 342 days, 2X, 20,910 milk, 3.99%, 815 fat!

She is a large, good type heifer bred to an outstanding bull. See her at Hartland, Vermont, April 27.

HOWACRES — James K. Howe & Sons

Accredited-Certified — TUNBRIDGE, VERMONT

a beautiful uddered daughter of Helengeorge Master Admiral and Dunloggin Var Ember. Gem has an AR 2X record of 707 lbs. fat, 18,240 lbs. milk as a 3-year-old and her dam has several records to 882 lbs. fat at 8½ years on 2X. Going with Gem was another Master Admiral daughter, the "Georgianna" cow from a daughter of Lauxmaster. Mr. Hall, who has a son of Helengeorge Master Admiral as one of the herd sires with his Dunloggin herd, paid $700 for his second purchase.

The herd sire, Maple Haven Master Var 984267, born in November 1946, good dispositioned and with the appearance of a bull much younger than his years, went on a $1200 bid to Robert C. Flanders, Arkport, N. Y. Mr. Flanders will be remembered by some for his purchase of Dean of the Pearls in the Maple Haven dispersal —incidentally that sire did a marvelous job for Mr. Flanders and proved to be a bargain purchase. Maple Haven Master Var, by Dunloggin Wonder Var and from Dunloggin Mistress De Ormsby (3 records over 1000 lbs. fat), has an official all-plus proof in spite of the handicap of having served in several different herds. His maternal brothers have also done well, especially Dunloggin Ormsby Lochinvar, the Willow Ridge herd sire who left so many good daughters at Lawrence Lindquist's in Pennsylvania. A. L. Wagner, Battle Creek, Mich., was contendor on Master Var.

The final four-figure animal was Miller Acres Mistress Pabst 3884116, a Master Var daughter who is a maternal sister to the $1000 Sutten Oaks Pabst cow purchased by the Behrman sisters. Mistress Pabst, an open yearling showing much promise, went at the same figure as her maternal sister to N. G. Dickinson, Jr., Hudson Falls, N. Y.

Another leading buyer was David Monell of Chemung Farms, Chemung, N. Y. Among Mr. Monell's purchases was the $850 Ryancrest Golden Bess, 726-lb. daughter of Golden Cross and the twice 800-lb. former N. Y. Champion, Bessie Dunloggin Echo. With her $850 dam went the daughter of Golden Bess by Weejoe Safe Bet another daughter of Dunloggin Golden Cross and her daughter by Master Var, just a January heifer—all to Mr. Monell who bought along family lines.

R. Charles and B. Olin Backus were auctioneers, with Horace A. Backus reading pedigrees. Miles B. Marshall was barn superintendent and Emmett McClure, leadsman. Emil Hansen did a beautiful job preparing the cattle for the sale.—R.H.H.

Buyers and their purchases at $400 or over follow:

Patricia & Roberta Behrman, Newtown, N. J.
Dunloggin Golden Ellen (7-42) .. 1600
Sutten Oaks Pabst (10-51) $1000
Miller Acres Lady Pearl (3-53) .. 1000
Miller Acres Pearlet Var (8-54) . 675

Stephen A. Kelly, Jr., Hopewell Junction, N. Y. (8)
(M) Miller Acres Master Cheif (6-54) 1500
Rolling Knoll Golden Mat (10-49) 520
Miller Acres Alice (11-53) 510
Miller Acres Graceful Neatness (12-52) 500
Miller Acres Graceful Lady (12-52) 400
Miller Acres Mistress Betty (8-51) 400

Maynard Hall, Clyde, N. Y.
Otco Admiral Gem (10-48) 1250
Otco Admiral Georgianna (10-48) 700

Robert C. Flanders, Arkport, N. Y.
(M) Maple Haven Master Var (11-46) 1200

D. Q. Adams & Robert Kauffman, Mifflintown, Pa. & C. D. Lownes & Son, Newtown, Pa.
(M) Miller Acres Golden Var (9-54) 1130

N. G. Dickinson, Jr., Hudson Falls, N.Y.
Miller Acres Mistress Pabst (1-54) 1025

Chemung Farms, Chemung, N. Y.
Ryancrest Golden Bess (3-48) ... 850
Miller Acres Golden Matador (11-47) 730
Ryancrest Bess Bet (1-53) 650
Miller Acres Golden Mat Var (1-55) 510
Miller Acres Graceful Purity (9-52) 460
Miller Acres Mistress Georgia (8-53) 410

Arthur L. Hyde, Springfield, Vt. (3)
Miller Acres Graceful Pearlet (1-53) 685
Twelvelms Mistress Ruth (9-53) . 475

James Stark, Pawling, N. Y.
Sutten Oaks Sexton Claremont Alice (11-46) 680

C. W. Knibb, Pascoag, R. I.
(M) Miller Acres Master Gold (6-54) 650

Stuart A. Young, Watertown, Conn.
Miller Acres Mistress Ember (4-54) 630

The Connecticut
Bred Heifer Classic
Beginning 11:00 A. M.

Friday at the Eastern States Grounds
April 29th W. Springfield, Mass.

Top Heifers From The Top Herds
Of The Northeast
(Sale Includes a Few Choice Calves)

Consignors Include:

Raymond Abbe
Peter Bahre
P. M. Baird & Sons
Bayfield Farm
John D. Bowles
Jos. Brill
Broad Rock
Raymond Davis
Devine's Mt. Hope Farm
Fred B. Dole
Chester Foote
Gerow Brothers
Rose Gorton
Great Brook Farms
Hartsbrook Farm
The Hedge
Wm. Holt
Myron J. Hoxie
Herbert Kallman
Nicholas Kolk
Spencer Logan
Robert K. Mitchell
Warner Moore
Osborndale Farm
Stanley Pulver
Quality Farm
Ridgely Farm
W. W. Sherman
Malcolm B. Stone, Jr.
Freda Stroh
H. C. Thrall & Sons
Toplands Farm
Westlea Farm
Whirlwind Hill Farm
Sidney P. White
Wayne Wilfred
Amy Wing

HEALTH: All animals will have been tested both for TB and Bang's within 30 days of the sale. All from TB accredited and mostly Bang's accredited herds.

WE RECOMMEND THEM HIGHLY

— Sale Committee —

Wm. Pearl, Chairman
M. J. Hoxie
F. M. Nichols
Erwin Kelsey
Warren Thrall
Leonard Fletcher

The Holstein Breeders Ass'n of Conn.

RIDGELY Farms
STONE RIDGE, NEW YORK

to the Bred Heifer Classic
Springfield — April 29

RIDGELY PROUD BABETTE

RIDGELY PROUD BABETTE, born 1-22-53

Served August 2, 1954 to Ridgely Paris, Pride son.
An own daughter of Baker Farm Dunwood Pride (EX-GM), she is from a daughter of Monarch. Therefore she is three-quarter sister to Ridgely Proud Enid, Res. Grand Champion and 1st prize 2-yr-old, Eastern States, 1954, and to Ridgely M Proud Queen (G), with 20,442 milk, 742 fat 2y 2X. She herself is a lovely thing with a successful show ring record.

RIDGELY B V CONNIE, born 4-20-53

Served October 18, 1954 to Ridgely Hexngram, son of Monarch backed by 3 generations of dams over 100,000 lbs. milk.
By Ridgely Best Lochinvar whose first daughters at Ridgely have all exceeded 500 fat 2y 2X. Her dam with 19,828 milk, 634 fat, 4y 2X; next dam over 122,000 lbs. lifetime.

RIDGELY KING JEWEL, born 4-18-54

By a son of Baker Farm Helbon Midnight, 3-times Grand Champion Female at Conn. Black and White Shows. She is from a 600 fat 4% 2X first-calf 3-yr-old daughter of Baker Farm Dunwood Pride. Her second maternal dam has 4 consecutive records from 743 to 890 fat 2X, the 4 averaging over 817 fat 2X, with about 500 fat in her first 5 months 2X this lactation—over 100,000 lbs. milk to date DHIA with a 4% average.
Truly a foundation heifer

Official figures for the Herd Test Year completed Dec. 1, 1954 have now been received.

51 Head 2X
15,300 Milk
3.7%
567.2 Fat

With the milking herd now 60% Ridgely-bred, this is the highest average to date for Ridgely.

FRANCES LEGGETT

A "Scoutmaster" Daughter

to the

BRED HEIFER CLASSIC

April 29 — Springfield, Mass.

WESTLEA BUTTER GIRL RUBY (pictured) is one of our top young daughters of Glenafton Scoutmaster, our VG-Gold Medal senior sire, twice nominated for All-American, and with a plus-proof on 17 pairs. Her dam is a top daughter of Montvic Rag Apple Nobleman (SMP). Dam's udder pictured. Here's one you can COUNT ON!

WESTLEA BUTTER GIRL RUBY
Selling. Bred to Westlea Count Olive, our son of "Nobleman" from our Olive family.

HER DAM'S UDDER

Udder of "Ruby's" dam taken in the 6th month of her present lactation. This "Nobleman" daughter made 438 lbs. at 2y and 612 lbs. at 3 years.

WESTLEA FARM

BRIDGEWATER, MASSACHUSETTS

Mr. and Mrs. Stafford Johnson
Owners

Reginald Libby, Manager
Douglas Dana, Herdsman

KANSAS HOLSTEINS

IN THE KANSAS HEIFER CLASSIC ABILENE — MAY 6 —

Her Granddaughter Sells

MEIERKORD NETHERLAND FANCY TIDY-(EX)
100,000-lb. daughter of Sir Bess Tidy.
6y 365d 3X 22414 M 3.9% 864.5 F

The granddaughter is a two-year-old, White Farms Tidy Delora, sired by our son of the above cow by the Ex. Tidy Burke Hazelwooder. The dam is a daughter of Leongard Perf. Frost Burke, next dam a daughter of C. H. Heng. Mercedes.

She was bred September 24, 1954 to our son of Wis. Burke Ideal and the Ex. Raven Burke Elsie. Look her up at Abilene.

● [WHITE FARMS] ●

J. M. WHITE Rt. 8 EUGENE R. SMITH
TOPEKA, KANSAS

Pabst Double Roamer

VERY GOOD AND NOW SILVER MEDAL PRODUCTION SIRE

12 daus. ave.	13,905	3.67	511
11 pr. daus	13,992	3.68	515
Dams. ave.	13,866	3.47	481
	+126	+.21	+34

He has 15 classified daus. in our herd, 2 VG, 9 GP, 4 Good, none lower.

A son of Roamer from this Excellent Roamer daughter. →

PABST ROBAR BELMONT EYEBRIGHT (EX)
F. 6y 837.7 4.3%

We offer bull calves by Double Roamer from proven cow families.

Harvey Bechtelheimer

SABETHA KANSAS
Acc.-Vacc. HIR Classified
Progressive Breeder Award Three Years

A "Favorite" Bull Calf

His dam, Rose Chieftain, is a maternal sister to Edmund Campbell's Starlight Chieftain that has just finished with 915.6 F. 4½ yrs. (see p. 58-this issue).

Records of Rose Chieftain:

2y4m-2X-365d	11,128 M	3.9%	434.2 F
3y6m-2X-276d	12,434 M	4.0%	492.0 F
4y6m-2X-287d	15,300 M	3.8%	569.3 F
5y6m-2X-365d	17,200 M	3.8%	641.4 F

All HIR-last two S.A.

We also have a maternal sister, Amy Chieftain Rag Apple, who just finished with 5y-365d-2X-21,510 M 822.8 F.

for sale—born January 13, 1954—his dam VG with 2,137 F. and 56,172 M. 1st 4 lact.—dark in color, very typy, would make a good show prospect.

His sire, Hickory Creek Favorite, VG, is a son of Hallrose Hazel Lad (EX) and Fairoyce Admiral Fobes (EX), he sired our All-Kansas Jr. heifer calf and the 1st jr. get for Quentin Kubin at the 1954 Kansas St. Fair. His daughters are just beginning to freshen and look very promising.

Write for price and pedigree on this good calf.

Hilltop Holstein Farm

J. W. CARLIN SMOLAN, KANSAS

Robert C. Kauffman, Mifflintown, Pa.
Miller Acres Graceful Alice (9-52) 610
W. I. King, Gaithersburg, Md.
Manormead Queen Dewdrop (10-48) 600
John Sumner, Clyde, N. Y. (3)
Miller Acres Queen Purity (3-51) 550
Otco Admiral Purity (1-49) 530
Merle Stoltzfus, Elverson, Pa.
Otco Admiral Floret (4-49) 510
Miller Acres Graceful Duchess (1-52) 420
Col. J. C. McLean, Warwick, N. Y.
Dunloggin Var Agnes (6-42) 500
Karl Ehmer, LaGrangeville, N. Y. (2)
Miller Acres Mistress Kay (11-49) 500
Alfred N. Baker, Stillwater, N. Y.
Otco Admiral Black Pearl (1-49) 470
Grover Chrisa, Middleburg, N. Y.
(M) Miller Acres Mister Gold (Twin 6-53) 410

Clifton A. Hunt, Walton, N. Y.
(M) Miller Acres Master Boon (12-53) 400

Other buyers were: Frank Bros., Poughkeepsie; Frank H. Davenport, Unionville; Edward J. Bach, Goshen; Wm. N. Beach, Poughquag; David Curtis, Argyle; Sadie Bruzgul, LaGrangeville; Frank Wild, Montgomery; Peter C. Vale, Brewster; Theodore Spence, Dundee; Dr. Stringham, Hopewell Junction Herbert Miller, Copake; Arthur Litteer, Dundee; Douglas G. Larsen, Bullville; Monford S. Kelsey, Canastota; Edgar V. Loring & Edward J. Bach, Goshen; David H. Reed, Washington Crossing, Pa.; Thomas Pendergast, Clinton Corners, N. Y.; Sol Myers, Rutland, Vt.; Job Stoltzfus, Elverson, Pa.; George M. Gass, Lafayette, N. J.; and H. L. Wagner, Battle Creek, Mich.

HOMER SCHULTZ HOMELOT DISPERSAL

Hereford, Pa. March 11, 1955

22 Females		
2 yr and over	$ 9245.00	$420.40
8 Bred Heifers	3135.00	391.87
30	$12380.00	$412.67

The top cow in the Homer Schultz sale at Hereford, Pa. was a two year old sired by Tyler Farms Rag Apple Jay at $640.00 going to Lloyd Massomore of Barto, Pa. Mr. Lloyd Massomore bought a total of four head for $2070.00.

Following is the list of animals selling for $400.00 and over:

(Please turn to page 94)

Sunflower Heifer Classic

FRIDAY

MAY

6

12:00
NOON

AT THE FAIRGROUNDS

ABILENE, KANSAS

— 40 KANSAS BRED HEIFERS and 2 BULLS —

25 BRED HEIFERS — 5 YEARLING HEIFERS — 10 HEIFER CALVES

— 30 KANSAS CONSIGNORS —

Osawatomie State Hospital	Lowell Ewert	St. Joseph Home
LeRoy Johnston & Son	R. L. Evans & Son	Arthur Jensen
Kenneth Benedict	Raymond Ohlde	Ivan Strickler
Clarence Torkelson	Martin Blanke	Phillip Brothers
John L. & Clifford Johnson	Earl Benjamin	Schneider Brothers
McDowell Brothers	R. C. Beezley & Son	Ernest Reed & Son
Harold Eilrick	Ancil Thode	Smith & White
Lloyd Schultz	W. H. Mott	Forsberg Brothers
Moberly Brothers	E. B. Regier	E. A. Dawdy
Luther Shetlar	Arnold Funk	George Flemming

GET OF WEBER HAZELWOOD BURKE RAVEN

1954 RES. ALL-AM. GET — ALL BRED in KANSAS

This is the second Spring All-Heifer Sale, sponsored by the State Association. Last year's Heifer Sale averaged $359. and was among the top 6 heifer sales of the Nation.

The consignments again feature quality. The kind of heifers that will go out and do well for the buyer. It is a show window of the breeding program in progress over the State of Kansas. The heifers have been selected by a committee of active Kansas Breeders and they have been most critical in screening the consignments.

THE SALE COMMITTEE

Ed Wellbrock	Ed Reed	Edwin Ohlde
Eugene Smith	Harry Burger	Bill Beezley
Don Hopkins	Luther Shetlar	Harold Scanlan

Health charts and vaccination certificates furnished.

Address all correspondence to:

E. A. Dawdy, Salina, Kansas — Sale Chairman

YOUR KANSAS HOLSTEIN-FRIESIAN ASSOCIATION SPRING SALE

Filbert Farm

Consigns Two Top Females Bred to Outstanding Bulls

to the

FREDERICK COUNTY SALE

Thursday, May 12 — Frederick, Maryland

1. **Filbert Rhoda Typhoon Signet** — Born Dec. 3, 1952

Heifer from a high Good Plus dam with many 2X records each over 535 fat, sired by Clovena Signet Typhoon, grandson of the Very Good World Record, Lifloc Mata Hari Supreme, due June 26 to Creston Grand Master, $11,600.00 son of Dunloggin Mistress Queen, Excellent; highest priced female ($10,100.00) at Dunloggin dispersal.

2. **Ravenglen Triune Gwen** (Good Plus) — Born June 14, 1948

328d 2X 502 fat 14600 milk. Granddaughter of the excellent six time All-American, twice all-time All-American, King Bessie Senator. Her dam had 688.9 fat 3X 17220 milk and her Excellent aged cow All-American granddam was Sunny Meadow Rag Apple Segis Lass, 3½y 2X 598 fat 17573 milk. Gwen is due May 24th to our Senior herd sire, Howedan Winterthur King Fobes, grandson of Posch Ormsby Fobes 14th. There are 6 and only 6 milking daughters of this bull all Junior 2 year old first calf heifers and all in our herd. They are in all lactation stages from 2 to 8 months and to date have averaged over 50 lbs. of milk a day.

How can you miss if you buy one or both of these?

Filbert Farm

GERMANTOWN, MARYLAND

Another Plus Proven Sire

AT

Friedel Dairy Farms

We have just received a DHIA proof on our other junior herd sire, Friedel Imp Belle Homestead (VG).

9 Dtrs. Ave	12,320	4.0%	489
9 Dams Ave.	11,587	3.8%	446
Increase	+733	+.2%	+43

Homestead is the EIGHTH CONSECUTIVE bull we have made a plus proving on. His highest daughter made 16,249m, 4.4%, and 741f 305d 2X ME. We are now crossing him on our Carnation Standout daughters.

P. F. FRIEDEL & SON **VIOLA, DELAWARE**

(Continued from page 92)

Lloyd Massomore, Barto, Pa.
Home Lot Rag Apple Segis (2-52) $640
Home Lot Montvic Fobes (2-51) .. 550
Home Lot Fobes Korndyke (11-52) 460
Home Lot Posch Aaggie (12-51) .. 420
Maurice L. Henry, East Greenville, Pa.
Home Lot Artis Wayne (8-48) ... 500
Home Lot Greenwood Artis (1-51) 460
Clyde Massomore, Barto, Pa.
Home Lot Posch Aaggie (12-51) .. 420
Dennis L. Freed, Quakertown, Pa.
Home Lot Dunloggin Fabst (9-52) 420
Roscoe Fehnel, Nazareth, Pa.
Home Lot Ceydermead Ormsby (9-53) 405
Home Lot Fobes Ollie (12-53) 470
Jacob Vargo, Perkasie, Pa.
Home Lot Pebble Beach Ormsby (4-50) 455
Howard Kistler, Kempton, Pa.
Home Lot Anna Posch Dyke (10-46) 410
Wilmer Renninger, Barto, Pa.
Home Lot Ormsby Ceydermead (10-53) 460
Richard Smith, Allentown, Pa.
Home Lot Fobes Segis (10-49) 400
Samuel Ruhr, Hatfield, Pa.
Home Lot Wayne Ormsby (5-48) 440
Bernard Beltz, Perkiomenville, Pa.
Home Lot Dunloggin Segis (8-52) 400
Home Lot Ollie Cornflower (3-53) 410
Joseph Henry, Barto, Pa.
Home Lot Cornflower Hesseltje (7-46) 415

Other buyers were: Homer Wimmer, Coopersburg, Pa.; Abraham Ehst, Bally, Pa.; Mark Flory, Nazareth, Pa.; Stanley Lichtenwalner, Macungie, Pa.; George Renninger, Kempton, Pa.; Chester Flory, Nazareth, Pa.; and Harvey Moyer, Boyertown, Pa.

Woodrow Roth of Emmaus, Pa. was the auctioneer and John Schwenk of Allentown, Pa. read pedigrees.

MIDWEST SPRING CLASSIC

CATALOG SUMMARY

14 Females 2y & over (3 calves under 3 mos. s.w.d.)	$ 5,880	$420.00
5 Bred Yearlings	425	141.67
3 Open Yearlings	2,560	512.00
4 Heifer Calves Over 3 mos.	1,080	300.00
5 Bulls over 3 mos.	1,390	347.50
31	$13,160	$424.52

A. W. MALL DISPERSAL

CATALOG SUMMARY

11 Females 2y & over (2 calves under 3 mos. s.w.d.)	$ 2,270	$206.36
5 Open Yearlings	140	70.00
2 Heifer Calves Over 3 mos.	735	147.00
18	$ 3,420	$190.00

The Midwest Spring Classic held on March 30th at St. Charles, Illinois averaged $424 for 31 head from 20 consignors. An additional consignment, the A. W. Mall Farm Dispersal of 18 head averaged $190. The sale was managed by Baird and Darcey with Delbert H. Kingston assisting.

The top animal in the sale was a prospective 3-yr-old for the big shows next fall and she sold for $1100 to Braun's Sunny Lea Farm, Waukesha, Wis. Consigned by Roney Farm, Grayslake, Ill., she was Ronhub Flood Ormsby, a daughter of Clarkdale Posch Ormsby, the maternal brother to Clarkdale Gloria Transmitter. Her dam was a 503-lb. 4-yr-old granddaughter of Colony Flood Perfection 8th. Due late in August, she was quite a smooth cow with a nice udder.

(Please turn to page 97)

THE 29TH ANNUAL CONSIGNMENT SALE

Sponsored By The

Frederick County Holstein Association, Inc.

Thursday, May 12 — FAIRGROUNDS — Frederick, Maryland

Sale Begins Promptly at 11:00 A. M. — EDT

82 Carefully Selected Head From Maryland's Best Foundation Herds

DUNLOGGIN WOODMASTER
(Gold Medal)

This sale has been sponsored by Holstein breeders of Frederick County for 29 years. Cooperating with us have been the leading Holstein breeders in Maryland. With this fine cooperation and the high quality of animals consigned year after year this sale enjoys a fine reputation as the place to buy good foundation animals. While the great majority of animals are of Dunloggin Woodmaster bloodlines, Carnation, Winterthur, Montvic Rag Apple, Sovereign, Marksman, King Bessie Senator, and other popular bloodlines are represented.

9 COWS

All with good records—Fresh or close by Sale Day.

54 BRED HEIFERS

Few are close—most will freshen from July to September.

4 OPEN HEIFERS

10 HEIFER CALVES

Selected for individuality and good bloodlines—good 4-H and FFA material.

5 BULLS

Four of them ready for service. This is the greatest selection of young bulls ever offered in this Sale. All from great dams with records ranging from 595 fat to 1025 fat (with both granddams having over 900 fat). Dams of two of the other bulls both have over 700 lbs. fat. **It is a wonderful opportunity to buy a great young herd sire.**

MARK THE DATE — MAY 12, 1955

The 39 Consignors — Maryland Breeders All — Are Listed Below

JOHN M. CRUM
MAURICE S. AHALT
FRANK HULL
FRANK BEASMAN
C. RICHARD AHALT
R. H. RICHARDSON
DAVID F. GROSSNICKLE
HAROLD THOMAS & SONS
MAURICE H. DODE
BOWMAN BROS.
UNIVERSITY OF MD.
CHESTER DEDROW
ADAM MARTIN

WALTER B. COBLENTZ
PHILIP O. COBLENTZ
CHAS. F. BEYER
C. D. MOOMAN & SON
BETTY V. SMITH
C. RALPH SMITH
PAUL R. KING
LESLIE C. KING & SONS
MD. REFORMATORY FOR MALES
ROBERT H. HOLTER
EARL R. KEPLER
POND GATE
LOGWOOD FARM

C. K. HOLTER
EDGAR VIRTZ, JR.
ROLLING KNOLL
FILBERT FARM
ROYD R. SMITH
MONOCACY FARM
ADRIAN McC. REMSBERG
HICKORYVALE
BROOK LODGE
JOHN WIDDUP
McDONOGH SCHOOL
LOCVALE FARMS
CHARLES IFERT

Auctioneer - Charles Backus **Pedigrees - J. Homer Remsberg**

ADDRESS REQUESTS FOR CATALOGS TO—

J. Homer Remsberg, Chm. Sale Comm. — Middletown, Md.

Catalogs Available May 1st

THE HIGHEST RECORD BULL

HIS 1025-LB. DAM

DE KOL CHIEFTAIN DORA (VG)
2nd Aged Cow, Frederick, 1952.

4y	364d	3X	21666	4.7%	1025.2
5y	365d	3X	18640	4.7%	884.3

Her Good Plus dam has records of 925 and 839 lbs. fat.

HE SELLS . . .

with two of his fine young daughters, in the FREDERICK CO. SALE, May 12, Frederick, Md.

Ever Offered In A

FREDERICK CO. SALE!

OLIVE FARMS DOR SILVER KING 1199456
Born October 4, 1952

We purchased a half-interest in this bull in the H. Irving Stine Dispersal, and later purchased the other half interest from W. L. King & Son of Gaithersburg. His sire, Spring Farm Silver King, is out of the Excellent, six times All-Canadian, Spring Farm Juliette, with two records over 928 lbs. fat. He is a ¾ brother to Spring Farm Fond Hope!

His Dam

The great VG "Dora" cow, pictured, is a 1025-lb. daughter of a 925-lb. fat dam. Their tests range from 4.3 to 4.7%!

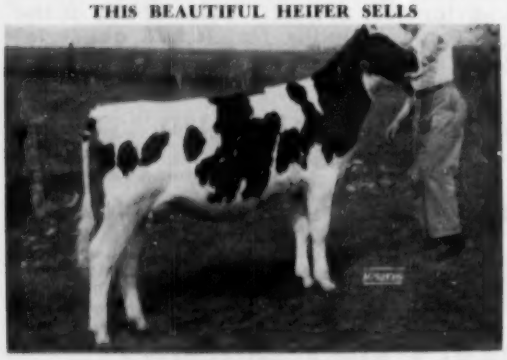
Wheatfield Farms

ELLICOTT CITY, MARYLAND

JOHN B. WIDDUP, Owner — **HERD CERTIFIED and ACCREDITED**

Linebred Woodmasters to May 12 Frederick Sale

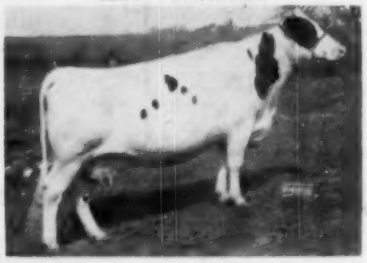
THIS BEAUTIFUL HEIFER SELLS



LOCVALE DEEN BETTY — Born May 24, 1954
She is a daughter of Harden Farms Deen Triune out of a 1013 lb. daughter of Dunloggin Master Stroke (GM). Deen Triune's proof shows an increase of 20 lbs. fat on 440-lb. dams. Betty's dam is a daughter of McDonogh Gold Printer with over 500 lbs. fat and 13,000 lbs. milk at 3-6 on 2X. **Betty is selling open.**

Our fourth consignment to the Frederick Sale is a bred heifer due Oct. 7, 1955 to the services of McDonogh Gold Printer. Her dam is a 2X 2-yr-old 407-lb. daughter of Printer. Next dam is a 572 lb. fat 2X daughter of Dunloggin Master Oraaggie. This heifer is a daughter of Shaws D A F Tidy Gold.

ALSO CONSIGNED

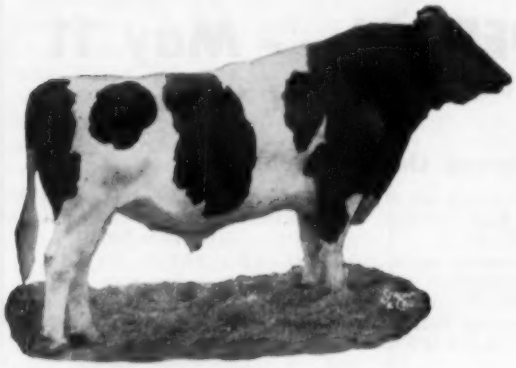


SPRINGSYKE THELMA ALCARTRA (GP)
4-8 289d 2X 14,210 milk 515 fat
She was bred Aug. 25, 1954 to Shaws D A F Tidy Gold. She is the granddam of the heifer pictured to the left and she will make a brood cow for you.

UDDER OF LOCVALE PRINTER ROMANCE
Born Aug. 12, 1950
2-10 300d 2X 9,830 m 3.9% 384.9 f
Bred Sept. 24, 1954 to Shaws D A F Tidy Gold, she is a daughter of McDonogh Gold Printer out of a daughter of Dunloggin Master Oraaggie. This young cow sells May 12th at Frederick.

LOCVALE FARMS

J. HOMER REMSBERG & SONS — **MIDDLETOWN, MARYLAND**
Certified — **Accredited** — **Vaccinated**



2 "Admirals"

Bred to Sovereign Cochran (GM) to the May 12 Frederick Sale

← The Service Sire

Sovereign Cochran (VG-GM), the highest priced Holstein sold at public sale in 1953 ($14,000), is the service sire for the two wonderful heifers we are consigning to the Frederick Sale on May 12th. A great sire of both type and production, his offspring from these foundation females will be great additions to your herd. The 2 Sovereign Cochran calves are due to arrive in July and August.

1. Hickoryvale Admiral Majesty

Born Oct. 28, 1952

Her dam is a daughter of Pond Gate Beau Brummell and made 362 lbs. fat in 284 days as a jr. 2-yr-old. The next dam is a Very Good daughter of Dunloggin Progressor with 739 lbs. fat as a 4-yr-old with a 4% test. Majesty was bred Oct. 16, 1954 to the bull pictured.

2. Hickoryvale Master Admiral Eva

Born Aug. 12, 1953

Her dam is a daughter of the Gold Medal sire Curtiss Candy Della Lad and has 516 lbs. fat in 305 days at 5 yrs. and 5 months on 2X. The next dam is by Dunloggin Matador Della and she was a maternal sister to our famous 3 full sisters. A full sister to this heifer is owned by Archie Meek, Norwich, N. Y., and she has just finished a jr-2-yr-old record over 600 lbs. fat on 2X. Eva was bred Nov. 27th to Sovereign Cochran.

The sire of these 2 heifers is **Helengeorge Master Admiral (GM)** our senior herd sire and a son of the Excellent Lauxmont Admiral Lucinda sired by Dunloggin Gracious Master (Ex). His 16 classified daughters in our herd are 1 "VG" and 15 "GP" and they keep getting better. **You better buy these heifers on May 12th at Frederick, Md.**

Hickoryvale Farms

Ira D. Ifert & Sons — **Middletown, Maryland**

Real TOPS For The Frederick, Md. Sale, May 12

The Sire of Two Selling

This Heifer Sells

← POND GATE GOLDEN SEXTON

"Excellent"

Not selling—but sire of two and bred to two selling. He is our son of PABST REGAL (Ex-GM) and DUNLOGGIN GOLDEN BELLE, daughter of Dun. Golden Cross and The Belle of Dunloggin.

These Four Selling - - -

BROOK LODGE MYSTIC MARVEL

"Very Good"

4y	365	2X	13,938	4.4%	610.2	HIR
6y	359	2X	14,716	4.0%	581.0	HIR

Daughter of Creston Ormsby Rag Apple Magic (VG-SMP) from a "VG" 3-times 500-lb. daughter of Dunloggin Matador Della. She is bred to POND GATE GOLDEN SEXTON (EX).

← BROOK LODGE ADMIRAL PRIMROSE

A beautiful bred heifer by our son of Lauxmont Admiral Rag Apple Della. She is bred to POND GATE GOLDEN SEXTON (EX). Really nice.

A Bull - - BROOK LODGE SEXTON BURT

Service age (born February 1954), a Selected Pedigree Bull by POND GATE GOLDEN SEXTON (EX) from a 595-lb. 2X 3-yr-old daughter of Dunloggin Matador Della—next dam famous "Brown Betty," 731-lb. "VG" daughter of Dunloggin Knight.

Also a Show Heifer Calf by SEXTON selling

Brook Lodge Farm

FRANK G. REMSBERG & SON — **MIDDLETOWN, MD.**

JOHN MacNEIL DISPERSAL - - May 11

Waukesha Sales Pavilion — Waukesha, Wisconsin

3-Year-Old Daughters of . . .

WIS CYCLONE (Gold Medal Sire)
WIS CONFIDENT, "Excellent" son of "Ideal"
N J E S CONQUEROR EVA LAD (Gold Medal Sire)
VIGO BURKE SYMBOLIC
BLUEBIRD BURKE IDEAL (Silver Medal Sire)
ASYLUM BURKE LAD
KYLAND FOBES BURKE 27th
(Most of these are bred for Fall freshening)

The herd is being dispersed on account of shortage of labor and numbers around 25 head. John MacNeil, Gleason, Wis.

Among the Top Bulls

A yearling son of WIS LEADER, from a granddaughter of CARNATION BLUE RIBBON, with 17,265 milk 3.8% 2X 4y. **(Larrietta Farms)**

A yearling son of MOOSEHEART SUPREME (EX), Res. All-American Aged Bull, 1954, from a dam with 17,013 milk 2X. **(Mooseheart)**

Two top bulls — one a year old, one 8-months — from a son of GRACIOUS MASTER — breeding galore! **(Neshonoc Farms)**

A yearling grandson of PABST COMET from a daughter of WINTERTHUR POSCH ORMSBY FOBES (Gold Medal Proven Sire). **(Lowell Nelson)**

Additional Consignments - -

A draft of BRED HEIFERS for fall freshening from **Verpana Farms,** from dams with records to 600 fat. Other consignors: **George Kieffer, Gerald Geenan,** with fall freshening heifers.

Wednesday — May 11 — Waukesha, Wis.

For information write

BAIRD & DARCEY Box 177 WAUKESHA, WISCONSIN

Monocacy Meadows

Where HICKORYVALE ADMIRAL MONARCH, son of a Gold Medal Sire, is being mated to the daughters of a Gold Medal Sire.

Monarch is by the $10,000 Helengeorge Master Admiral, and from Hickoryvale Della Papoose (VG), one of the great "Get" of Curtiss Candy Della Lad (GM) nominated for All-American, and the next dam by the Gold Medal Dunloggin Progressor.

Monarch himself is a show bull—2d 2-year-old at the 1954 Maryland State Fair and with offspring that also placed well up in their classes.

Look for our Selection in the Frederick, Md. Sale, May 12.

RAY H. SMITH & SON
Frederick, Maryland

HASSAN'S FARM

The Sire of Stylist

MONTVIC RAG APPLE MARKSMAN
(XXX-Extra)

GLENAFTON RAG APPLE STYLIST

One of our main herd sires, he represents the popular, proven cross of Montvic Rag Apple Marksman and Montvic Rag Apple Sovereign.

His sire is MARKSMAN—his dam is a daughter of SOVEREIGN: She is —

WINSOME PIETJE 674216-C
"GP" at 2 years
4y 365 3X 16,179 4.48% 725

C. M. JANNEY, Mgr. Germantown, Md.

(Continued from page 94)

The second top of the sale was the featured Raven daughter, Burke B F Raven Vern, consigned by Bristol Farms, Bristol, Wis. This outstanding black heifer was out of a Very Good 515-lb. daughter of Pabst Governor and she was bred to a linebred Burke bull. Selling for an even $900, she went to R. E. Everly, Seattle, Wash. for export.

The Mayfair Management Co., Chicago were the top purchaser in the sale taking 11 head for a total of $3865. Included in their purchases was the third high animal, a Curtiss Candy bred heifer consigned by Raymond H. Bast, Richfield, Wis. She was Curtiss Candy Creston Princess, a daughter of Creston Twenty Grand out of a daughter of Montvic Rag Apple Marksman. This outstanding bred heifer sold for $675. Another one of the Mayfair purchases at $515 was Jopple Ty Vic Piebe, a fresh 2-yr-old daughter of Osborndale Sir Ty Vic Rag Apple consigned by Francis Neiner, Manteno, Ill.

The first prize heifer calf at the 1955 Waukesha Dairy Show, Mayers Gomar Lady Fobes, a daughter of Hickory Creek Sensation sold for $550 to Robert Jones, Lake Geneva, Wis. This sensational young calf was consigned by Christ Mayer, Slinger, Wis.

The top of the male division was the featured Hickory Creek Student Prince consigned by A. C. Thomson, Oak Dell Farm, Elgin, Ill. Student Prince, a son of Willow Springs Crescent Prince out of the Excellent Montvale Ormsby Cherub, sold for $550 to J. Douglas Fellers & Edmund E. Fellers, Hays, Kansas.

A nice show calf from Beckman Bros., Genoa City, Wis. brought $440 on the bid of Don Hale, Clinton, Wis. This September calf, Vid R R A Commander, was a daughter of Stardust Commander out of a 517-lb. daughter of General Posch Rag Apple.

Another Wisconsin cow brought $430 going to Joe O. Neukomm & Son, Onarga, Ill. This cow was West-Villa Bobby Burke, a daughter of Pabst Burke Prairie consigned by R. Westphal, Elkhorn, Wis.

W. L. Baird made the announcements from the box for this sale. Harvey Swartz and Whitie Thomson alternated as auctioneers while Pat Williams and Francis Darcey worked the ring. The leadsmen were Merle Howard of Mooseheart Farms and Dean Kingston, Cary, Ill.—D.L.M.

Sunny Lea Farm, Waukesha, Wis.
Ronhub Flood Ormsby (11-51) $1100
(Roney Farm, Grayslake, Ill.)
R. E. Everly, Seattle, Wash. (4)
Burke B F Raven Vern (4-53) 900
(Bristol Farms, Dr. & Mrs. Herbert

JUST QUALIFIED FOR SMT SIRE →

There were ten daus. of ABC Palmyra Sovereign R classified March 18 and they more than met the requirements for Silver Medal type. With all but one first calf heifers they went—2 VG, 7 GP and only one Good. These were unselected and included all that had freshened except one of the best that we lost when she was in milk five months. These heifers rated especially high in udder and dairy character.

ABC PALMYRA SOVEREIGN R
Our son of ABC Reflection Sovereign out of the daughter of Glenvue Nettie Jemima — a great pedigree — a great bull. His sons and artificial service for sale.

Inspector Fairchild was very high on our All-American nominee, Clover Fay Chief, (Ex), raising her two more points.

And the daughters of the ABC bull are producing sensationally too; we will have a DHIA proof on him soon which will be exceptionally high.

SPECIAL — A baby son of Symbol Glenafton King from an ABC daughter that made 537 F. at 2 years and went VG, is starting off great again as a 3-yr-old. This calf, dark in color, beautifully marked, his sire was Jr. Champion, 1953 Arizona State Fair, is "Fay's" son (see p. 42h—Feb. 19 World)—this calf offered at a **special price of $400 delivered.**

Our other special—A yearling son of "Symbol" from another daughter of the ABC bull with over 600 F. and VG, next dam VG, 500-lb. 2-yr-old daughter of our GM Burke bull. Will sell half interest or entire, plan to use him ourselves and would share him with some herd doing testing and classification, **the price is reasonable.**

EILLOC FARM

MR. AND MRS. ALFRED STUMP
Rt. 4, Box 182
PHOENIX, ARIZONA

In Service at Longhurst....

Smithcrest Carnation Dean

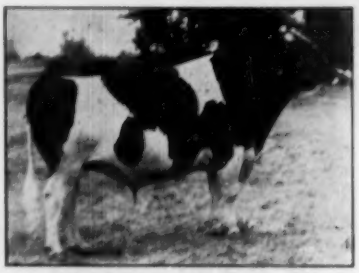
Smithcrest Carnation Dean (owned jointly with Smith Brothers, Clyde, N. Y.) is a son of Carnation Smithcrest Laddie out of a daughter of Sir Bess Ormsby Fobes Dean with over 100,000 lbs. milk and records up to 17,200 milk and 687 fat on 2X with a 4% test. His sire is a son of Hallrose Progressor (see cover data) and he is a full brother to Carnation Professor, one of Carnation's main herd sires.

Dean fits well in our breeding program as ours is a linebred Carnation herd and our former herd sires have great daughters of Sir Bess Ormsby Fobes Dean in their pedigrees.

We have breeding stock for sale at all times. We suggest you write for full details. Our cattle have linebred pedigrees and they will please you.

LONGHURST FARMS

Acc. MEXICO, NEW YORK **Cert.**
Earl V. DeLong **Charles E. DeLong** **John W. DeLong** **Hadwen V. DeLong**



HALLROSE RANGER (Ex)
Nominated for All-American 2-yr-old 1950. Twice 1st Aged Bull at Portland.

A Show Bull - And He Sires Production

Excellent son of Hallrose Progressor

—His 1st 13 daus. classified in our herd average 81.4 points, all with 1st calf.

—His first 8 daus to finish test ave. (actual) 12,086 M. 483 F. all as 2-yr-olds, 2X.

And about our herd—

— 13 yr. HIR ave. — 11,644 M. 457.7 F. 3.93%
— First and only herd in Oregon to win PBR award
— Two Gold Medal sires developed in our herd

Breeder and owner of grand champion cows of Oregon State Fair last six years.

LINDOW BROS.
3160 N. W. 143rd Ave.
PORTLAND 1 OREGON

We're Going Forward With

Maple Path Clyde Hill Ormsby

Maple Path Clyde Hill Ormsby is our young sire that traces 20 times to Sir Bess Ormsby Fobes, his sire was a winner of the aged bull class at the 1954 Mich. B & W Show and has a full sister Excellent straight across.

The dam of this young sire is one of our intensely bred SBOF cows from one of our best cow families—she has two 305 day records of nearly 600 F.

In our past ad copy we have traced the series of SBOF sires we have used starting with a son of Sir Bess Skylark Ormsby Fobes, then a grandson that traced five times to SBOF 73rd, another grandson that traced four times to 73rd.

This concentration has given us a herd that has tested between 4% and 4.2% for the past 8 years—our latest ave. (DHIA figures) 516 F. 4.12%.

Phillips Maple Lawn Dairy
R. D. 2 — BOX 19 BUCKHANNON, W. VA.
HIR Classified Accredited Certified

HILLCREST FARM

Breeders of registered Holsteins for over 40 years—on DHIA for over 40 years, on HIR testing for over 20 years.

We have developed our herd along family lines. Herd sires during recent years have included WINTERTHUR SELECT FOBES WALLACE, PABST ROBURKE BRIGHT, WINTERTHUR ZEUS WINNER FUJI and Fuji's full brother. One of our present sires is a son of WIS LEADER from a member of our greatest female line.

When in search of the right kind of breeding stock, plan a visit to our herd.

Certified — Accredited — Vaccinated

G. HAROLD COWLES **ASHVILLE, NEW YORK**

(Chautauqua County)

Lothe, Bristol, Wis.)
Mayfair Management Co., Chicago, Ill. (11)
Curtiss Candy Creston Princess (4-53) 675
(Ray H. Bast, Richfield, Wis.)
Jopple Ty Vic Piebe (4-52) 515
(Francis Neiner, Sky Hill Farm, Manteno, Ill.)
Wiedmeyer Dandy Invincible (3-53) 400
(Frank E. Wiedmeyer, Richfield, Wis.)
Robert Jones, Lake Geneva, Wis.
Mayers Gomar Lady Fobes (7-54) 550
(Christ A. Mayer & Sons, Mayer Farms, Slinger, Wis.)
J. Douglas Fellers & Edmond E. Fellers, Hays, Kans.
(M) Hickory Creek Student Prince (11-54) 550
(A. C. Thomson, Oak Dell Farm, Elgin, Ill.)
Don Hale, Clinton, Wis.
Vid R A Commander (1-54) 440
(Beckman Bros., Genoa City, Wis.)
Joe O. Neukomm & Son, Onargo, Ill.
West-Villa Bobby Burke (3-51) . 430
(R. Westphal, West Villa Farms, Elkhorn, Wis.)
Richard A. May, McHenry, Ill.
Faye Inka Prilly Bonny (2-47) .. 415
(Mooseheart Farms, Mooseheart, Ill.)
Green-Top Rettie Lochinvar (10-51) 400
(Green Top Farm, Genoa, Ill.)

Other buyers were: Wilbur P. Heisner, Manhattan; Melvin J. Heisner, Peotone; Gordon Hatness, Morris; Roy Johnson, Maple Park; O. C. Halpin, Gardner; Ralph H. Kresser, St. Charles; J. Lisle Laufer, Hampshire; Cliff Lathrop, Dundee; Carol Sue Swanson, Byron; Charles Wenzel, LaSalle; V. D. Washburn, Chicago; Bob Daus, Elgin; Raymond W. Bettenhausen, Manhattan; E. H. Ellingson, Poplar Grove, Ill.; Roger Hale, Clinton; Inter-County Dairy Cattle Assn., Waukesha; Francis Darcey, Watertown, Wis.; and Binhack Farms, Princeton, Ind.

Statistical data furnished by W. L. Baird, Waukesha, Wis.

THE 41ST ANNIVERSARY HOLSTEIN SALE

CATALOG SUMMARY

40	Females 2y & over	$15,950	$398.75
	(7 calves under 3 mos. s.w.d.)	495	70.71
8	Bred Yearlings	2,855	356.87
1	Open Yearling	375	375.00
4	Heifer Calves Over 3 mos.	770	192.50
9	Bulls over 3 mos.	6,900	776.67
62		$27,435	$442.50

The 41st Anniversary Sale which was held March 28th averaged $442.50 62 head or some $70 higher than the Anniversary Sale a year ago. The bull demand was strong with 9 real good bulls selling for an average of $776 with the top of the sale a 6-yr-old son of Pabst Comet selling for $1575.

The sale started at 11:30 A. M. with a few words from the National Fieldman Charlie Brace. After that it was announced that the first animal sold would be number 13 in the catalog, Lange Comet General, the Comet son consigned by Geenen Bros. and Hillmer G. Mueller, Kaukauna, Wis. This bull, out of a 976-lb. granddaughter of Dunloggin Woodmaster started at $500 and quickly went past the $1000 mark. At $1500 he leveled out and finally was struck off to the Iowa Breeders Co-op, Des Moines, Ia. at $1575, the top price of the day. Piper Bros., Watertown, Wis. were the contending bidders.

Second high animal of the sale was the bull calf from Pabst Farms. This

calf, Pabst Leader Comre, was a son of Wis Leader out of a 696-lb. daughter of Pabst Comet. Quite a nice type calf, he sold for $950 to Edward Neschke & Son, Morristown, Minn.

R. E. Everly, Seattle, Wash. purchased 9 head of cattle in this sale for export. Included in his purchases was the third high animal for the day, Larrietta Raven Supreme, a Weber Hazelwood Burke Raven son out of the Dean Walker Lad daughter that was Res. Jr. All-American Sr. Yrlg. in 1952. This promising junior yearling bull for next year's shows sold for $900 and he was consigned by Larrietta Farms, Nashota, Wis.

The Inter-County Dairy Cattle Assn., Waukesha, Wis. purchased 12 head for a total of $3525. Their top purchase at $800 was tied for 4th high animal in the sale. Another bull, he was Wis Wizard, consigned by the Wisconsin State Reformatory, Green Bay, Wis. This youngster was a son of Wis Ideal out of an 839-lb. daughter of Wis Leader. The second dam of this outstanding calf was a 696-lb. daughter of Man-O-War Sir Lassie.

The other animal tied for fourth high was the Elmwood bull, Skokie Creation Prince, a son of Ravenglen Creation out of Pond Gate Princess Elizabeth, the 766-lb. daughter of Dunloggin Lochinvar Prince out of Dunloggin Fairy Gold. This bull sold for $800 to H. S. Gilmore, Montgomery, Ala.

Leo Hutter, Quincy, Ill. was another top purchaser of the day when he paid $3060 for 6 head. Heading his purchases was the top cow of the sale. At $750, she was Miss Tritomia Ette Inka (VG), a Sunbeam Pride Transmitter granddaughter consigned by L. W. Marguart, Milton, Wis. Mr. Hutter also paid $650 for Mr. Marguart's second entry, Long Hollow Crescent Pat, a granddaughter of Crescent Beauty Prince Admiral.

Second top female at $700 was Plain View Hazel, a fresh daughter of Wis Leader consigned by Plain View Farm, Neillsville, Wis. A beautiful uddered cow, she sold to Borgwardt Bros., Valders, Wis. Her baby heifer calf sired by Plain View Fobes Design sold for $105.

Another one of the good bulls in the sale was Vigo Leader Admiral, a son of Wis Leader consigned by Elsmer F. Berg & Son, Brownsville, Wis. Out of a good maternal line with a Very Good 678-lb. dam, Admiral sold for $635 to Clark & Carr, Mukwonago, Wis.

Another bull selling over the $500 mark was Ruby Acres Regal Sultan,

GET OF OSBORNDALE SIR QUALITY SPITFIRE
Bred by Grant Farms. First at Washington Co. Fair and first Get, Dairy Herd, and Three Best Females at Schaghticoke, 1954. Our former herd sire. The middle one is making over 700 lbs. this year.

Two Grandsons of Marksman and Sovereign For Sale

We have several well bred young bulls for sale, including one that is a grandson of both Sovereign and Marksman. He's sired by our son of Marksman whose 21 nearest dams average 949 lbs. fat, 4.2%, and whose dam made 668 lbs. fat at 2y, 762 lbs. at 3y, and is again on test at 4y. The dam of this calf is an own daughter of Sovereign that made 477 lbs. fat 4% test as a 2-year-old on 2X.

Other calves, mostly by the Marksman son, are from dams with up to 500 lbs. on 2X, HIR. Herd T B Accredited and Bang's Vaccinated. In addition to the daughters of the Osborndale bull, we also have daughters by a son of Sir Bess Ormsby Fobes Dean out of the VG 767-lb. 2X former New York State Champion, Rose Hill Empress Kathleen.

Write for Details - Modestly Priced.

Cameron I. Grant & Son — Fort Edward, N. Y.
(PHONE: ARGYLE 8416)

Hazel's Older Son

Pansco Californian

One Of Our Senior Sires

PANSCO HAZEL (Excellent)
Lifetime Champion: 281,193 3.8% 10599.1
Dam of two 100,000-lb. daughters and three proven sons. Two sons in service now in our herd.

His Sire: PANSCO WARRIOR

"Warrior" was sired by the son of Hazel's VG 739-lb. 120,000-lb. daughter, Pansco Hazel Design, and out of the Excellent, twice 900-lb. Pansco Belle War, a 154,000-lb. producer. We have sons of CALIFORNIAN for sale from AR dams. Write for our bull list.

Pellissier Dairy Farm

3710 WORKMAN MILL RD. WHITTIER, CALIF.

the son of Pabst Regal out of the Very Good Wisconsin Satin. A maternal brother to a Ruby Acres herd sire, this promising young bull sold for $555 to Geenen Bros. & Hilmer Mueller, the consignors of the top bull.

John B. Cain, Glen Beulah, Wis., consigned another one of the top cows to the sale. She was Mountain Ash Burke Daisy and she sold for $600 to Walter Siemers, Cleveland, Wis.

John Hetts, Fort Atkinson had a nice bred heifer in the sale. She was Lady Vickery Vale Jule, a daughter of Admiral Fobes Jule and she sold for $525 to Riley Farms, Scottsdale, Arizonia.

The sale was under the management of Baird and Darcey with W. L. Baird making the announcements from the box. Harvey Swartz and Whitie Thomson alternated as auctioneers and Francis Darcey worked the ring. Leadsmen were Allen Hetts, Fort Atkinson and Robert McDonald, Green Bay.—D.L.M.

Iowa Breeders Co-op., Des Moines, Ia.
(M) Lange Comet General (11-49) $1575
(Geenen Bros. & Hilmer G. Mueller, Kaukauna, Wis.)
Edw. Meschke & Son, Morristown, Minn.
(M) Pabst Leader Comre (8-54) . 950
(Pabst Farms Inc., Oconomowoc, Wis.)
R. E. Everly, Seattle, Wash. (for export) (9)
(M) Larrietta Raven Supreme (2-54) 900
(Larrietta Farms, Nashota, Wis.)
Wis Ronnie (8-53) 400
(Wisconsin State Reformatory, Green Bay, Wis.)
Lakeside Rose Comet (2-53) 400
(A. J. Cull, Pewaukee, Wis.)
Inter-County Dairy Cattle Assn., Waukesha, Wis. (12)
(M) Wis Wizard (8-54) 800
(Wisconsin State Reformatory)
Plain View Betty Ann (6-52) 435
(Arthur H. Imig Est., Plain View Farms, Neillsville, Wis.)
H. S. Gilmore, Montgomery, Ala. (2)
(M) Skokie Creation Prince (3-54) 800
(Elmwood Farms, Lake Forest, Ill.)
Leo Hutter, Quincy, Ill. (6)
Miss Tritomia Ette Enka (4-48) 750
Long Hollow Crescent Pat (6-54) 650
(L. W. Marguart, Milton, Wis.)
Wis Gaylore (8-53) 500
(Wisconsin State Reformatory)
Pewaukee Burke Belle (1-52) 475
(Waukesha County Hospital, ... Waukesha, Wis.)
Borgwardt Bros., Valders, Wis.
Plain View Hazel (10-51) 700
(Arthur H. Imig Est., Plain View Farms)
Clark & Carr, Mukwonago, Wis.
(M) Vigo Leader Admiral (6-54) 635
(Elsmer F. Berg & Son, Vigo Farms, Brownsville, Wis.)
Walter Siemers, Cleveland, Wis.
Mountain Ash Burke Daisy (11-52) $500
Mountain Ash Burke Bessie Maid (1-53) 430
(John B. Cain, Glen Beulah, Wis.)
Geenen Bros. & Hilmer Mueller, Kaukauna and Seymour, Wis.
(M) Ruby Acres Regal Sultan (10-53) 555
(Ruby Acres, Elkhorn, Wis.)
Riley Farms, Scottsdale, Ariz.
Lady Vickery Vale Jule (7-52) 525
(John Hetts, Ft. Atkinson, Wis.)
Jos. F. Schneider & Son, Kiel, Wis.
Kelow Pabst Ormsby Burdock (11-52) 500
(William H. Owens, Oconomowoc, Wis.)
Haylan Farms, Endicott City, Md. (2)
Ruxer Ormsby Posch Jill (2-53) .. 475
(Alvin C. Ruxer, Jasper, Ind.)
Robert Grossman, Clinton, Ia.
Great Home Regal Abbekerk (12-52) 410
(David Bachmann, Sheboygan Falls, Wis.)
Waukesha County Farm, Waukesha, Wis.
Piebe Louis Remer (2-53) 400
(Conrad Schmitt, Hubertus, Wis.)
Harlan McKingley, Fennimore, Wis.
(M) Elkhart Regal Master (12-53) 400
Wm. A. Hayssen, Lakeside Farm, Elkhart Lake, Wis.)

Other buyers were: Arden Henslin, Fairwater; E. F. Indermuehle, Brownsville; Robert E. Stuessey, Brodhead; George Kau, Eagle; F. W. Meissner, Pewaukee; L. H. Nichols, Sharon; John Nielson, Glencke & Barton, Waukesha; Gerald Geenan, Freedom; Donald Belling, Lomira; Walter E. Borgwardt, Valders, Wis.; John Condon, Aurora, Nebr.; C. M. Bottema, Jr., Bridgeport, Ind.; and A. C. Thomson, Elgin, Ill

Service to 5 Gold Medal Sires

Now Available from COBA!

PABST SIGNAL 975892
Excellent—Gold Medal

HIR Proof: (1-1-55)			
44 Dtrs.	13675	3.80	520
40 Dtrs.	13749	3.79	521
40 Dams	12826	3.72	477
	+923	+.07	+44

54 Classified dtrs. avg. 81.1
1 Ex 9 VG 23 GP 18 G 3F

HURLWOOD CONQUEROR 1026115
Gold Medal

HIR Proof: (1-1-55)			
15 Dtrs.	14598	3.86	563
12 Dtrs.	14800	3.86	571
12 Dams	13932	3.70	515
	+868	+.16	+56

15 Classified dtrs. avg. 81.8
2 VG 9 GP 4 G

WEEJOE GRACIOUS WINTORIAS 976716
Very Good — Gold Medal

HIR Proof: (1-1-55)			
21 Dtrs.	14177	3.64	516
21 Dams	13168	3.68	484
	+1009	—.04	+32

32 Classified dtrs. avg. 81.6
4 VG 22 GP 10 G

EGLANTIER RAG APPLE DUTCHLAND 1017797
Gold Medal

HIR Proof: (1-1-55)			
18 Dtrs.	13268	3.54	470
17 Dtrs.	13382	3.55	475
17 Dams	11547	3.60	416
	+1835	—.05	+59

23 Classified dtrs. avg. 81.1
5 VG 11 GP 7 G

BILL BESS BURKE 1006866
Excellent — Gold Medal

HIR Proof: (1-1-55)			
14 Dtrs.	13316	3.60	480
13 Dtrs.	13323	3.62	482
13 Dams	12371	3.47	429
	+925	+.15	+53

23 Classified dtrs. avg. 81.6
6 VG 6 GP 11 G

- Breeding Fee to Members — $6 per first service.
- Out-of-state shipments — $30 per cow; guaranteed conception.
  Herds breeding more than 5 cows — $25 per cow; guaranteed conception.

Contact us for more information

COBA SELECTED SIRES

Central Ohio Breeding Ass'n

1224 Alton Darby Road
COLUMBUS 4, OHIO

300 LB. FEED MIXER only $99.50

New Low Prices

with MOLASSES BLENDER

Uniformly mixes up to 300 lbs. dry feed and blends in molasses in 2 to 5 minutes. Tilts to dump load. ½ H.P. motor operates. Write for literature or order today on money back guarantee.

$114.00

MIXALL FEED MIXER—
(less Motor) ..... $ 99.50
... with MOLASSES BLENDER ... 114.00
½ H.P. MOTOR 35.50

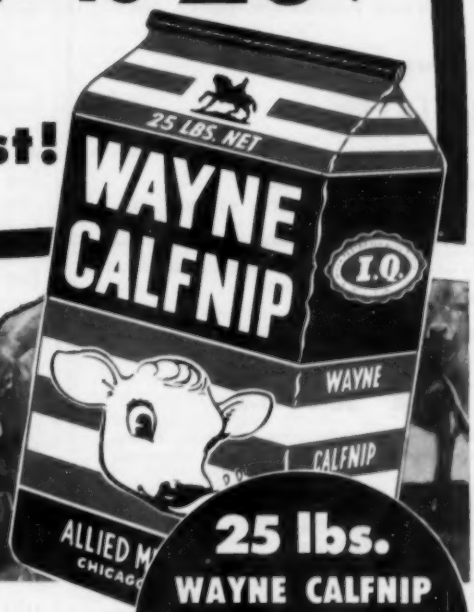
GORDON JOHNSON EQUIPMENT CO.
Dept. 108-A
2519 Madison St. Kansas City Mo.

NEW MILK REPLACER

Outperforms COW'S MILK

from 7% to 20%

In Daily Gain Test!



25 lbs. WAYNE CALFNIP REPLACES 200 lbs. WHOLE MILK

See for yourself . . . on your own calves . . . how Wayne Calfnip outperforms milk . . . provides *extra* nutrition for thrifty calf gains.

THOUSANDS FEED CALFNIP BECAUSE:

QUICK, EASY to Mix CUTS LABOR COSTS

Goes Into Solution Instantly DOES NOT SETTLE

Builds "Growthy" Calves AT LOW FEED COST

Here are the results of feeding tests conducted at the Wayne Research Farm showing how Calfnip outperformed cow's milk.

	Calves receiving Cow's Milk	Calves receiving Calfnip
TEST 1	Gained 1.21 lbs. per day	Gained 1.29 lbs. per day
TEST 2	1.48	1.46
TEST 3	1.02	1.24
Average Daily Gain to 4 weeks of age	1.24 lbs.	1.33 lbs.

See Your Wayne Dealer NOW!

WAYNE CALFNIP

Copyright 1954, Allied Mills, Inc.

ALLIED MILLS, INC., Builders of TOMORROW'S Feeds . . . TODAY!

Executive Offices: Chicago 4, Ill. Service Offices: Fort Wayne 1, Indiana

SAY — YOU:

Look At My Measurements!

I'm a Jule King Admiral Daughter.

AGE: 8 years 2 months.

WEIGHT:
(tape estimates) 1975 lbs.

PRODUCTION TO DATE:
80,553 M. — 3,344 F. — 4.21%
Second highest fat producing jr. 3-yr-old in Wisconsin in 1951.

CLASSIFIED: Excellent . . . and my son, Kaytee Arad, is helping with the Kaytee breeding goal —PRODUCTION AND TYPE WITH PLENTY OF SIZE.

KAYTEE PIETERTJE FOBES (EX)

YOU SHOULD SEE HIM AT:

KAYTEE FARMS

CHILTON **WISCONSIN**

Classified * * * Accredited * * * Certified

A "Hello" Is Always Here — DON STEEGE, Mgr.

FOR THE WESTERN STATES

(or wherever good Holsteins grow)

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COMPLETE SALE SERVICE

Our growing list of satisfied customers in Washington, Oregon, Idaho, California and Arizona might be of interest to you in planning dispersals or consignment sales.

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FOR THE PRICE - - -

IT'S THE BEST MONEY CAN BUY

"National's" Great Six Ancestor—Three Generation Pedigree — Only **$2.00**

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NATIONAL PEDIGREE COMPANY

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Waukesha **Wisconsin**

OFFICIAL CANADIAN EXTENDED PEDIGREES

"They Help You Sell"

UP-TO-DATE — COMPLETE — FULL OF FACTS

Typewritten Pedigrees, four-generation, Red and Blue — $2.50 each
(A carbon copy is supplied free)

25 copies	$4.00	75 copies	$5.00
50 copies	4.50	100 copies	5.50

Dam-Daughter Comparisons — Sire Analysis — Research

Pedigree Department
THE HOLSTEIN-FRIESIAN ASSOCIATION OF CANADA
BRANTFORD, ONTARIO, CANADA

LOUIS LANGE DISPERSAL

At the Louis Lange dispersal on March 19th, 1955, the young stock seemed to be well appreciated by the crowd in attendance. Josie Canary Ollie Design 3rd. a first calf heifer topped the sale. She and her four months old son brought a total of $615.00. Second high price of the day was paid for Rag Apple Olive Queen a second calf heifer, whose two nearest dams average 927 fat. She and her two months old heifer calf totaled $525.00. A 3 months old heifer calf, Rag Apple Wonder Keyes brought $210.00. All three of these stars of the herd were home-bred animals. Neither of the two top cows were anywheres near top selling condition. The other animals in the herd were well received considering many of them were not too highly fitted. The Langes had never done any official or DHIA testing. The Lange herd was established May 22, 1911. The entire offering stayed within Wisconsin.

Kenneth Lange and Sales Manager Forrest R. Grunewald read the pedigrees. Norm W. Christensen and Rufus Swerig cried the sale. Credit for a successful sale is mainly due to the fact that young Rufus Swerig of Watertown was well received by the people, he did an outstanding job of selling, and everyone recognized him as an up and coming auctioneer. The Langes were very appreciative of his fine work and publicly wish to thank him.—Louis Lange.

HI-LEA FARM DISPERSAL

Held at E. Aurora, N. Y., Mar. 12

CATALOG SUMMARY

30 Females 2y & over	**$10,500**	**$350.00**
(10 calves under 3 mos. s.w.d.)	**437**	**43.70**
2 Bred Yearlings	**585**	**292.50**
8 Open Yearlings	**1,080**	**135.00**
6 Heifer Calves Over 3 mos.	**440**	**73.00**
2 Bulls over 3 mos.	**730**	**365.00**
48	**$13,772**	**$286.92**

Top: Trunlan Burke Challenger (M) 922108 **$600**

Born Aug. 31, 1951; sire, Pabst Burke Pilot (VG), SMP, son of Wisconsin Admiral Burke Lad; dam: Trunlan Inka Ormsby Joy 3118263, 758.6 f, 18703 m, 305d, 3X. Purchased by Donald A. Foss, South Wales, N. Y.

Auctioneer and sale manager, Harris Wilcox, Bergen, N. Y., with Maurice Mix, assistant sale manager.

Buyers and animals selling for $400 and over:

Donald A. Foss, S. Wales, N. Y.
(M) Trunlan Burke Challenger (8-51) $600
Warren W. Scott, Cherry Creek, N. Y. (2)
Donel Rag Apple Lady (9-51) 500
Arthur H. Scott, Cherry Creek, N. Y.
Woodgreen Mon-O-Grand Dutchland (1-52) 450
Stanton Secor, Geneva, N. Y. (4)
Sylvia Monogram Tensen (6-50) 445
Ethel Glenafton (8-51) 400
Wesley Pease, Geneseo, N. Y.
Westview Senatora Tempest (10-51) 425
Glenn H. Scott, Cherry Valley, N. Y. (2)
Airvue Rag Apple Bernice (12-51) 410

Our Counts Are
WAY DOWN
Since We Started
with the
KLENZADE

FARM QUALITY PROGRAM

Nothing can match the Klenzade Farm Quality Sanitation Program for speed, efficiency, and reliable year-round results. For years, the Klenzade Alternate Cleaning System — pioneered by Klenzade — has proved that you can have sparkling lime and milkstone-free equipment with a minimum of labor and detergent costs.

KLENZADE KLEER-MOR

New stepped-up concentration for greater, faster cleaning power with double-duty "chelating" agents added. Dust-free, non-irritating, non-caking. Makes all water soft as rain.

KLENZADE NU-KLEEN

New type mild organic acid detergent for lime and milkstone removal. For alternate periodic use with Kleer-Mor. Film disappears like magic . . . cleans up all spots, streaks, deposits.

KLENZADE X-4

For years the standard sanitizer in the dairy industries. A clear sediment-free Liquid Sodium Hypochlorite now nearly 50% stronger than before. Safe, powerful, fast-acting, easy to use.

"SHORT COURSE" TEXT ON DAIRY FARM SANITATION

"KLENZADE QUALITY PROGRAM FOR MILK PRODUCERS"

Write for Your Free Copy

KLENZADE PRODUCTS, INC.
BELOIT, WISCONSIN

Wm. F. Vollmer, Akron, N. Y.
Kay Ormsby Celebrity (4-51) . . 405
Almon L. Priel, Springville, N. Y. (2)
Bess Segis Milestone (3-52) . . . 400
Clarence Kipper, E. Aurora, N. Y. (3)
Gay Rag Apple Dewdrop (9-50) 400

Other buyers were: Richard Strojek, S. Wales; Leo Post & Son, Oakfield; Kenneth Powell, Arcade; Arthur C. Schoenthal, E. Aurora; James Hume & Sons, Batavia; Paul Hiebler, Lancaster; Frank Horzempa, Elba; Edward H. Hickman, Eden; Roy Luders, Elma; Fred C. Lehning, Chafee; Frank Meier, Alexander; Irving Zippel, Oakfield; Benton E. Larimer, Chafee; Charles Ernest, no address given; William E. Blinton, Wales Center; Jerome F. Choate, Lancaster, N. Y.; Bruce Bess and Andrew J. Bess, Westfield, Pa.

Statistical data furnished by Harris Wilcox, Bergen, N. Y.

WILBUR SLOAN DISPERSAL

CATALOG SUMMARY

42	**Females 2y & over (5 calves under 3 mos. s.w.d.)**	$13,430	$319.76
		462	92.50
1	**Bred Yearling**	250	250.00
13	**Open Yearlings**	3,090	237.69
7	**Heifer Calves Over 3 mos.**	1,230	175.71
2	**Bulls over 3 mos.**	335	167.50
65		$18,797	$289.19

Fast bidding from a large crowd featured the Wilbur Sloan sale at the state fair grounds at Hutchinson, Kansas, February 23. Cattle from this herd went to Arkansas, Missouri, Texas, Oklahoma and Kansas.

Top selling animal going to H. D. Brady of Arkansas was a daughter of younger son of Glenlane Triune Arleen from a daughter of the older son of the same cow. Attracting the most interest for her conformation was a yearling daughter of Lilac Valley King Dean purchased by Robert W. Adams of Oklahoma who owns the granddam of the heifer.

Sale manager was T. Hobart McVay of Nickerson, Kansas and auctioneers, "in top form", were A. C. (Whitie) Thomson, Elgin, Illinois and H. M. Sharp, Herington and Mike Wilson, of the Kansas Farmer.

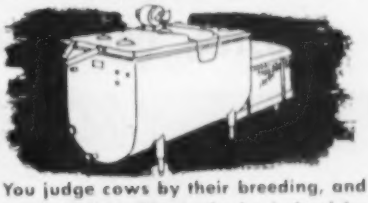
Following is list of buyers:

H. T. Brady, Springdale, Ark.
Sloans Arleen Buster Princess (10-51) $545
Roberts W. Adams, Adams Acres, Broken Arrow, Okla.
Jonz Dean Cornie Inka (10-52) . . . 525
J. M. Hoss, Lyons, Kans. (4)
Sloans Dean Speckle Buster (9-52) 460
Lloyd Spessard, Arlington, Kans. (5)
Sloans Pinky Buster (1-53) 410

Other buyers were: Dr. John N. Blank, George O'Neal, Hutchinson; Joe Stucky, Pretty Prairie; Sky Glo Farm, Fulton; LeRoy Johnston, Marysville; Ward Heter, Jr., Sterling; Roscoe Holloday, Kingman; G. C. Neece, Rose Hill; Donald D. Lange, Girard; Levi D. Miller, Mahlon Miller, Partridge; Marion A. Goff, Manhattan; Harold A. Goff, Manhattan; Lyle D. Goff, Manhattan; Gene Day, Langdon; Leslie C. Beemer, Elmo; A. M. Davis, Hutchinson; D. Clyde Clark, Conway Springs; Donald Brubaker, Sawyer; Clyde Clark, Conway Springs; Joe Armstrong, Yates Center, Kans.; George Apple, McKinney; W. H. Frashur, Richard Frashur, Gainsville, Tex.; John Ginn, Bentonville, Ark.; and LeRoy Moomaw, Verona, Mo.

Statistical data furnished by T. Hobart McVay, Nickerson, Kans.

PEDIGREE PAYS OFF in Cooling Tanks, too!



You judge cows by their breeding, and so should cooling tanks be judged by *their* origin—the manufacturer.

CP MilKeeper is backed by one of the oldest and strongest manufacturers in the dairy industry. It has been proven by dairymen all over the country—for dependability, economical operation and top service.

CP MilKeeper is the only fully sealed direct expansion bulk farm cooling tank. Dependable as your home refrigerator . . . as easy to install as a food freezer. In 80, 150, 200 and 250 gal. sizes. Also with remote condensing units in 300 to 1000-gal. models. Write for complete information.

THE *Creamery Package* MFG. CO.
1243 W. Washington Blvd., Dept. DBF-4
Chicago 7, Illinois

Used laundered work uniforms, pants and shirts to match, good condition, $1.00 per uniform. Send money order or check, parcel post collect to:
INDUSTRIAL UNIFORM & TOWEL RENTAL COMPANY
1118 Gaiennie St
New Orleans, La.

$5.25 TATTOO MARKER

EXTRA LETTERS OR FIGURES - 25¢ EA.

Complete with set of figures 1 to 10, bottle of ink and full instructions, all for $5.25, postpaid.

CATTLE BLANKETS

Made from quality materials, expertly tailored, all sizes. Prompt service. Write for circular and prices.

EAR TAGS

Several kinds to select from. Write for prices.

NECK CHAINS

1. Bright silvery finish chain.
2. Solid brass number plates.
3. Key ring fasteners
4. Priced reasonable.

FREE CATALOG

Illustrating neck chains, ear tags, marking devices, syringes, veterinary instruments, brushes, combs, clippers, horn and hoof tools, remedies and hundreds of items for the stock raiser. —Write for it.

BREEDERS SUPPLY CO. COUNCIL BLUFFS IOWA

The Ohio FEATURE OF THE YEAR!

Ohio State Sale

WOOSTER, OHIO FAIRGROUNDS — WED. & THURS., MAY 4 & 5

140 Registered Holsteins

70 Head Selling Each Day — Divided Evenly As to Quality

OPEN & BRED HEIFERS ★ COWS ★ A FEW TOP NOTCH HEIFER CALVES

12 HIGH RECORD BULLS ★ FROM SOME OF OHIO'S GREAT HERDS

HEALTH: T. B. Tested and Negative 30 days Blood Test. Many Calfhood Vaccinated. Many from Certified herds. Everything over 2 years old negative to 30 days blood test or certified.

Featuring:

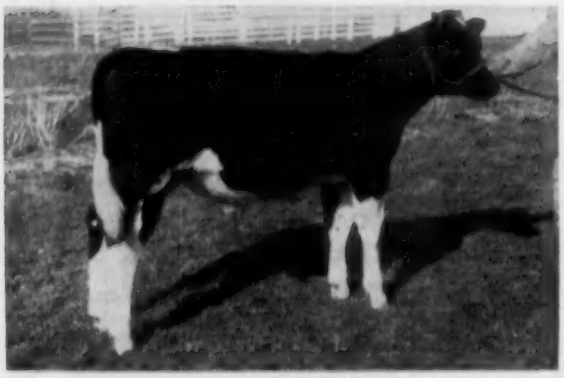
A SHOW
Starting promptly at 8:30 A. M. (E.S.T.) May 4

THE SALE
12 NOON — May 4

A BANQUET
To be held in the Evening May 4

Two of the Top Twelve Bulls Selling.

Selling



CAROLDALE M MAY PRIDE
He is a son of Fleet Wings Lieen Pride, and out of Caroldale Mistress Maybelle with records to 20,276 milk and 803 fat on HIR. The second dam is Caroldale's great Maybelle cow with records up to 1004 lbs. fat in HIR. This outstanding calf writes a stellar Ormsby pedigree with a close-up cross of Sunbeam Pride Transmitter and two to Woodmaster. **He is consigned by Caroldale Farm, Damascus, Ohio.**

Selling

KAUFMAN PEERLESS SIR GALAHAD
He is a son of the $9200 Carnation Sir Galahad and he is from Kaufman's greatest cow family. His dam is Good Plus with a string of year after year records up to 21,462 lbs. milk and 853 lbs. fat on 2X with a lifetime 2X total of 155,000 milk and 5862 lbs. fat. He is a real dairy calf. **Consigned by Kaufman Farms, Mantua, Ohio.**

Most of these 12 bulls are near service age. Their dams average over 17,000 lbs. milk and 641 lbs. fat. Also selling are sons of Curtiss Candy Invincible (Ex), Pine Arbor Walker Fobes Dean (Ex), and Windy Shade ⅞ Posch.

OHIO STATE SALE — MAY 4 & 5 — WOOSTER, OHIO

Good Type ◆ Popular Breeding ◆ High Production

You Will Find It All In The Ohio State Sale

We have cows, open and bred heifers, and a good selection of heifer calves. There will be 25 2-yr-olds and 25 junior and senior calves. Pictured below are 2 of the outstanding heifer calves selling.

Selling

KAUFMAN KISMET BELGALA
Born July 25, 1954
This flashy show ring prospect is a daughter of Carnation Sir Galahad out of a daughter of Pabst Comet Belmont (VG). **Consigned by Kaufman Farms, Manfun, Ohio.**

Selling

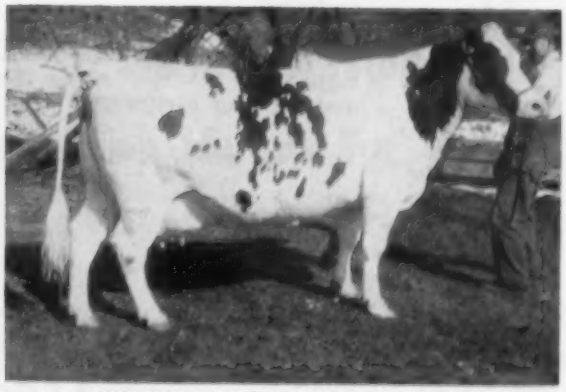
SHADY PINE MARY VAR
Born Aug. 11, 1954
This showy calf is sired by a grandson of Montvic Posch Lochinvar No. 1 and out of a dam with 2X HIR records up to 16,477 lbs. milk and 555 lbs. fat. **Consigned by Kenneth Koegler, Ashland, Ohio.**

Several of the Top Cows Selling — —

Selling

DELWOOD LYNN FLASH
This is a dry picture of a high producing 4-yr-old daughter of Fleet Wings Delmaster Lynn with 2 and 3-year-old records over 500 lbs. fat on 2X in HIR. She writes an outstanding Dunloggin pedigree. Her dam is a daughter of Dunloggin Romeo Var with 585 lbs. fat 4% at 2 years. She is due after sale to Delwood Won Var Liner. **Consigned by Don Phillips, Damascus, Ohio.**

Selling



IMPERIAL JOHANNA ROSELLA (VG)
This is another picture of one of top cows taken when dry. She is due before the sale and we know you will like her. She is a daughter of Oostie Imperial Advance with 12,451 lbs. milk and 462 lbs. fat on 2X in HIR. **Consigned by Russell Kahler, Hartville, Ohio.**

Also selling are outstanding daughters of Pabst Burke Valley (VG), Pine Arbor Walker Fobes Dean (Ex-All-American), Montvic Posch Lochinvar No. 1, Carnation Magic Ohio (VG), Windy Shade Winterthur Fobes, and others. SEE THEM AT WOOSTER, OHIO ON MAY 4 and 5.

Auctioneers: Sprunger — Fenstermaker — Koons

SALE MANAGED BY

The Ohio Holstein-Friesian Assn.

Wooster, Ohio

Progressive Breeder's Herds . . .

Combine Most Breed Improvement Programs

If you would like to make your certificates of registry mean more, one sure way is to work toward recognition as a Progressive Breeder.

Holstein breeders who aspire to winning the progressive breeder award must have a 100% registered Holstein herd. The herd must be 75% home-bred. It must have been on test for at least a year with an average of 440 lbs. fat and 11,600 lbs. milk per cow (2X) or 490 lbs. fat and 12,900 lbs. milk per cow (3X).

Further, the herd must have been classified and two-thirds of the animals eligible included in the average which shall not be less than 81 points. The herd must be free of both brucellosis and tuberculosis and be under a recognized control program.

Prospective Progressive Breeders must be members of both their national Association and their state Association.

Obtaining the Progressive Breeder award is not easy.

But, once the qualifications have been met, other breeders know that here is a herd which did something to make their certificates mean more. Records, participation in improvement programs, good management . . . all these things mean here is a place where good Holsteins are likely to be found.

Strive for the progressive breeder goals. Even if you do not win a plaque right away, you will be on the right road to improving your herd and making your certificates mean more.

Write for a copy of the rules for Progressive Breeder's Registry.

THE HOLSTEIN-FRIESIAN ASSOCIATION OF AMERICA

BRATTLEBORO, VERMONT

This is one of a series of advertisements created to call to your attention the reasons why "making the certificate of registry mean more" is good business for you and your fellow-breeders. You are urged to take advantage of herd improvement opportunities offered by your Association in order that progress in development of your breed may continue.

Other such advertisements will appear in this space from time to time.

We Offer This Month — A Bull for the Breeder Who Likes

Outstanding Type — Heavy Production with a 4% Test — and Longevity

— His Excellent Dam —

RIVERFLAT BLANCHE DIRECT (Ex)

12-0	352d	2X	21,058	4.0%	850
8-5	361d	2X	19,201	3.8%	733
11-2	332d	2X	17,158	4.2%	715
5-0	334d	3X	14,717	4.8%	703
10-1	305d	2X	16,647	4.1%	680
6-1	365d	2X	15,620	3.7%	570
7-4	301d	2X	14,449	3.8%	547
14-1	309d	2X	12,649	4.3%	547
13-4	290d	2X	13,098	3.8%	500
15-0	365d	2X	13,760	3.3%	460

— His Sire's Dam — Ex. —

KEARSARGE HELEN DAUNTLESS (Ex.)

8-0	357d	2X	22,612	4.2%	912
6-10	365d	2X	20,226	4.3%	864
5-9	322d	2X	18,446	4.2%	780
9-4	289d	2X	15,750	4.1%	634
4-8	359d	2X	15,441	4.1%	634
3-5	365d	2X	12,493	4.3%	534

Her sire is Dauntless Direct Piebe, a full brother to Dauntless Ada Direct (963 fat).

— His Sire's Sire's Dam —

DUNLOGGIN TIDY MISS (Ex.)

7-3	365d	2X	18,702	4.2%	790
10-7	365d	2X	14,886	4.1%	610
12-7	317d	2X	16,064	4.0%	635
13-7	360d	2X	16,221	3.8%	612
9-0	365d	2X	19,931	3.8%	754
6-0	365d	3X	19,049	4.0%	763
5-0	305d	3X	17,561	4.0%	697
2-6	365d	3X	16,332	4.1%	673

Dam of 2 Gold Medal Sires and 1 SMP Sire.

This bull was born March 23, 1955. His dam and her full sister are both Excellent with over 150,000 lbs. of 4% milk each. They both have been top cows at the Maine Type and production Shows and they are sired by a top son of Ormsby Direct. The sire's dam, Kearsarge Helen Dauntless (Ex), is sired by a son of Baker Farm Dauntless (Ex-GM) and has over 105,000 lbs. of 4% milk before she is 10 years of age. She has also been a top cow at the Maine Type and Production Show. The sire's sire is Dunloggin Golden Cross Tidy, Gold Medal son of the famous brood cow, Dunloggin Tidy Miss (Ex) with over 100,000 lbs. of 4% milk.

We would prefer to retain one-half interest in this calf
Write for pedigree and price

BRIGEEN FARMS

H. C. Briggs & Son — **Turner, Maine**

To The Ohio State Sale

A Delmaster Lynn Daughter

— Selling —

DELWOOD LYNN FLASH
Above picture taken while dry. This promising young cow is due shortly after the sale to Delwood Won Var Liner, a son of Dunloggin Wonder Var.

Delwood Lynn Flash is a daughter of Fleet Wings Delmaster Lynn (VG) our son of Confideen Melody Master, a son of Dunloggin Melcross out of Dunloggin Confident Adeen (VG — 896 fat). Delmaster Lynn's dam is Dunloggin Mistress Lieen, the 964-lb. daughter of Woodmaster. The daughter of a 585-lb. 4% daughter of Dunloggin Romeo Var, Delwood Lynn Flash has records of 507 as a 2-yr-old and 552 as a 3-yr-old. **She is a great young cow with a great pedigree.**

MAY 4 and 5 — WOOSTER, OHIO

Delwood Farm

Donald Phillips — **Damascus, Ohio**

acc. - cert.

We're Overstocked

Top Heifers For Sale

These heifers have type, production, and longevity bred in them for many generations. They are from our cow families which have produced cows such as our Ohio State Champion, Caroldale Mistress Fobes, with 29,349 milk, 3.8%, and 1115 fat. Longevity is a must at Caroldale and we have 9 head in our herd with over 100,000 lbs. of milk including 2 with over 150,000 lbs. **Write for details on these heifers.**

A Real Bull to the Ohio State Sale

We are sending Caroldale M May Pride to the Ohio State Sale at Wooster, Ohio on May 4 and 5. This youngster is a son of Fleet Wings Lieen Pride and out of Caroldale Mistress Maybelle with records up to 20,276 lbs. milk and 802 lbs. of fat. The second dam is our great Maybelle cow with records up to 1004 lbs. fat. **This bull is good enough to head any herd.**

Caroldale Farms

GLENN SHREVE — **DAMASCUS, OHIO**

Daisy Cattle Markers

Solid brass tags and brass-plated chain.
No. 21—FOR NECK. Adjustable. Tags numbered both sides. $13.25 per dozen.
No. 17—FOR HORNS. Adjustable. $9.20 per dozen.
No. 33—DOUBLE PLATE NECK CHAIN. Upper portion strap, lower portion chain. $14.50 per dozen.
Write for catalog. Sample mailed for $1.00.
GOLDEN ARROW FARMS
Dept. A Box 7 Huntington, Indiana

Write for Big New
88 PAGE CATALOG
Contains the most up-to-date line of Artificial Breeding Equipment available anywhere.

It's filled with hundreds of worthwhile agricultural supply items for the dairymen and livestock breeder.
Write today for free copy.
INSEMIKIT COMPANY, INC. Dept. C
426 HITCHCOCK ST. BARABOO, WISCONSIN

Sir Bess Ormsby Burke Fobes
Owned by Mrs. W. S. Kellogg
Osborndale, Derby, Connecticut

18 daughters averaged . . . 2 yrs. 5 mo.—
18,025 Milk — 4.05% — 730.5 Fat

Which is an increase over their Dams of—
+1,050 Milk + .27% + 87.7 Fat

Good Cows—Good Management and PIONEER Feeds Make Great Partners!

PIONEER DAIRY FEEDS

Write for Tomorrow's Feeding Program

HALES & HUNTER CO.
141 W. Jackson Blvd., Chicago 4, Illinois
Mills at: Chicago, Ill.; Lexington, Ky.; Marshall, Mo.; Wilmington, Del.; Cartersville, Ga

A Canadian Visits the Southland

Douglas Hart, well known Canadian Breeder, writes of his recent visit to Holstein herds in the South and Southwest and en route.

You asked for a short account of my trip south so I will give it a try. Got out of the hospital yesterday so am pretty wobbly yet.

My first stop was at Newcomerstown, Ohio, where Howard and Phillip Hostetler live. It was a beautiful spring day in February but found Howard in the house recovering from a car accident on New Year's Day. He was able to come out and show me his herd and his brothers a few miles away. These brothers secured their foundation pure bred Holsteins from Hartholm several years ago and I was very pleased with the job they are doing. They have their herds on test and are using a son of Montvic Rag Apple Master. His progeny have not freshened yet but looked very promising. I enjoyed seeing some of the older females we had bred and sold as heifers.

They fed me well and took me in the new car to catch the bus for Lebanon where I had arranged to see some of Mr. H. C. Bunnell's herd the next day.

Mr. Bunnell has a cannery business that is one of the main industries in the town but he has always been a farmer and has five farms which he operates on shares very successfully. He produces mainly milk and pork. His cattle are not all pure breds but he uses all pure bred males. Some of the Hartholm Bulls he has purchased through World adds have proven very satisfactory. He has equipped some of his farms with loose housing and milking parlors and is well satisfied with the results. He intends to change over the rest as time permits.

En route to one of his farms we called at SanMarGale where Jack Holtzapple showed us a splendid Holstein organization headed by three excellent proven sires. Those who will have to show against him next fall will have to look to their laurels.

Mr. Bunnell proved a very gracious host and I was pleased to have dinner with Mrs. Bunnell and the family. I was impressed with his sound judgment and the smooth efficiency of his organization. I was able to get a bus for Cincinatti in time to catch my train for New Orleans and my first trip across the Mason-Dixon Line.

The Mardi Gras was over and Canal Street "the Main Drag of New Orleans" as the taxi man called it, was being cleaned up by a gang of workmen so I took a bus 80 miles north over good roads to Amite where Robert McMichael was my host. The McMichael Dairy is a family Farm with father and the boys working together in harmony in an efficient operation. Their cattle are not all pure bred as yet but they weigh their milk, store silage and fertilize their pastures and will be heard from one of these days.

Robert took me some twenty miles across country to Franklinton where a splendid new surplus milk plant has been built. I believe it is associated with the Land O'Lakes Creameries but the main objective was to visit the herd of Mrs. Forshag who had brought the first pure bred Holsteins into that district some ten years before. She had had a top Jersey herd previously but had always had a great admiration for Holsteins. She asked the advice of many breeders and college men. She told me that some well known Northeners advised her against bringing good Holsteins that far south because they might die during the hot summers. However she took a chance and is now milking over 30 Holsteins on test and they are producing well. The herd was on excellent pasture while up north there was still snow on all the fields. Incidentally she had one or two of the nicest cow families it has been my privilege to see.

Mrs. Forshag is a great booster for Holsteins in that state of Louisiana and is a director of the artificial insemination unit at the state college at Baton Rouge where Robert and his wife took me the next day. They had many different breeds of bulls there including Brahmas but there were some good Holsteins mostly of Pabst blood-lines. I was particularly impressed with a group of Holstein cows on the college pasture there, several of which were milking 80 pounds a day. They were good individuals and had well attached udders for cows producing so well.

I have always heard about Southern hospitality but the McMichaels outdid anything that I ever anticipated. Mrs. McMichael was born and raised on a Wisconsin dairy farm but cooked one of the best steaks I ever ate. Robert took me all the way back to New Orleans. I will always have memories

of their perfect hospitality in their fine old houses with high ceilings, beautiful furniture that looked as if it belonged and friendliness everywhere.

Then I hied West on the Southern Pacific for two nights and a day across Texas and New Mexico to the Salt River valley of Arizona, where my wife was recuperating after an operation. Through our ads in the World we have sold several Holsteins into this district down through the years and were able to locate several of them that were doing well under entirely different conditions. Waldo and Kinny Butler were my guides and went to no end of trouble to show me around. They had a good herd themselves that was well managed under their conditions of pen feeding and pipe line milking. I was especially interested in a bull and two cows that had been ordered from a World ad. They were shipped as calves but they were now mature and the cows looked as if they would be in the 100,000 lb. class before long. The tester was there the day I arrived and was calculating tests and profit margins in his car trailer.

Two or three of the herds we visited were milked in parlors but most of them were milked and fed their grain in rows, with the milk going directly to the bulk cooling tank which in some cases was on a truck so that it could be delivered directly to the distributor without extra handling. Many of these dairymen were cutting oats and alfalfa every day with a forage harvester and feeding it to their cows automatically by driving down the alley in front of the manger with the self-unloading forage wagon. However I was quite interested in that at least one of these efficient dairyman had gone back to hay and silage because he did not think that he got enough extra production to pay for the daily cutting and hauling. This was Frank Sharp of Mesa who has two excellent cows in his all pure bred herd and was using a line bred grandson of Dusty Jo from the Mark Borror herd. He was milking 189 cows 3X.

An interesting incident happened while I was there. Mr. Wood of Tucson which is 125 miles away drove in as he was leasing a son of one of these excellent cows that Mr. Sharp had sampled himself. When I was introduced to him he said, "I visited your farm one day as you were just going away but your son showed us around. My neighbor has some of your stock". It was at the time of the annual

"KANT-KOM-OFF" COW BLANKETS

NEW LOW PRICES! $3.75 AND UP

• EXCLUSIVE FEATURES
- PATENTED KANT-KOM-OFF BUCKLE
- HIGH GRADE DUCK CONTAINING NO FILLER TO WASH OUT
- FULLY ADJUSTABLE LEG STRAPS
- DOUBLE REINFORCED AT ALL POINTS OF STRAIN
- TRIPLE THICKNESS AT NECK
- IMMEDIATE DELIVERY

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R. LAACKE CO.
1023 W. WALNUT STREET • MILWAUKEE 5, WISCONSIN

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STAINLESS STEEL PAILS · STRAINERS
Veterinary Supplies
DAIRY SCALES
MILK FILTERS
WASH TANKS
DEHORNERS
CLIPPERS

THE MOORE BROS. CORP., ALBANY 10, N.Y.

16 SHELL HOLDERS

HOLDS UP TO FOUR MILKING MACHINES

APPROVED BY LARGE HEALTH DEPTS.

SAFE ROOMY TOP TO SPREAD OTHER PARTS

MONEY BACK GUARANTEE OF SATISFACTION

16 TEAT CUP SLOTS

EASY WAY TO DRAIN, DRY, STORE & ASSEMBLE ALL THOSE MILKING MACHINE PARTS

You've often wished somebody would invent a permanent unit on which to spread all those milking machine parts and other utensils. This new DARI-TENDER is the answer. Roomy, all-steel, comes specially equipped with separate racks at the back (which can be mounted for left or right hand use) to hold 16 teat cups—special slots for 16 rubber inflations—and large work-space for convenient draining, drying, and assembling. Rust-resistant of heavy galvanized steel. 25 in. wide, 40 in. long, 32 in. high, weight 31 lbs. Order now by mail.

$19.75
$22.75 west of the Rocky Mts.

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333 N. Michigan Ave., Chicago, Ill.

STANDARD EQUIPMENT, INC., 23 Belnir 2, Md. Dept. 24

Please send me ____ Dari-Tender(s) complete.
☐ Enclosed find check or money-order. Send prepaid.
☐ Send C.O.D. I will pay postal charges.

Name _____
Street _____
City _____ State _____

NYLON NECK TAGS!

Here's the newest tag on the market! Tough, white nylon material. Will not crack or become brittle... even in coldest weather. Large, black, engraved figures easy-to-read at a distance. FULLY GUARANTEED. Priced only 40c ea. in lots of 100 or more; 45c ea. ind.; Key rings, 15c ea.

SEND FOR WESTON'S COMPLETE CATALOG, FREE

WESTON Manufacturing & Supply Co.

1935 Speer Blvd., Denver, Colorado

DAIRY HERDSMAN WANTED

We need a top herdsman for our herd of purebred Holsteins — 50 cows — 3 times a day milking. Large new barn completely equipped with barn cleaner and all the latest modern equipment. Excellent living quarters at the farm. Write or visit.

DAVID M. RESSLER
Meyerstown, Pennsylvania

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If in need of better class Holsteins, contact - - -

WINSTA FARMS
Exporters of High Class Holsteins
H. S. Tufgar **C. H. Tufgar**
Ancaster **Ont., Can.**
(Tel. M. I. 83886)

CANADIAN HOLSTEINS

Sam Gough

Sales agent in York, Simcoe and Ontario counties. Over 800 head to choose from. **Phone** Toronto, Axminster 3-4023. **Write** to Milliken, Ontario, Canada.

M. V. MANN
Sales Agent
ELGIN COUNTY HOLSTEIN BREEDERS' CLUB
Noted for Type and Production
R. R. 4, Alymer, Ontario, Canada

YORKSHIRE

"Champion Bacon Hog of the World"

Few registered Yorkshire 6-week weaning pigs $25; 10-weeks $35 for 4-H boys' and girls' work. Young bred gilts $75.

BANCROFT ACRES
9466 W. Miller Road
Swartz Creek, Michigan

meeting in Syracuse three years ago. The world is growing smaller.

Mr. Sharp took me to the Rotary luncheon in Mesa and also showed me 80 acres of citrus under irrigation that he operates with his brother. They had been hit by the heavy frosts earlier and many of the leaves and fruit had been injured.

Then in company with Mr. Butler I visited the college Holstein herd at Mesa where they are developing some good cow families in a very sound fashion.

We also called at the farm of Mr. and Mrs. Alfred Stump. Mrs. Stump was just going away but took time to show us the herd. Clover Fay Chief that was bred near here but nominated for All-American aged cow last year is still looking well. They have a fine group of cows that seem to be breeding very well. I was particularly impressed with some granddaughters of Fond Hope that were in production there, whose sire had gone to South America three years before.

It was milking time at Eldon Lawsons who has used a couple of Hartholm bulls. We found him milking 32 cows twice a day in his spare time night and morning before and after working in the rubber plant all day. They were doing very well too in spite of that. His father was doing the feeding however.

Mrs. Homrighausen was also a very enthusiastic Holstein breeder who has some very nice families coming along. Her herd were in splendid shape and obviously producing well. She was very proud of her new milking parlor set up.

Mr. L. B. Blackner is president of the Arizona Holstein Club and has a good herd in which one excellent cow is apparently very outstanding as a breeder. He is using one of her sons. Our last call that night was at Cheatham Dairy which is really a big operation as they milk about 1000 cows 3X. They are well known to World readers in the outstanding records that they have made down through the years and also have had cows among the All-Americans. They had a splendid group of bulls which they use naturally. One thing that impresed me was the use they still make of horses. They found them economical under their conditions.

For Sunday dinner I was invited to Butlers where we had a grand meal with all the family present. Mrs. Butler Sr. proved a very genial hostess and is very interested in her school

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and her boys. We enjoyed this visit very much.

James Bond who has a trucking business in Phoenix called a little later in the afternoon and took us out to see the fine herd that he is developing on newer land a few miles farther away. While this is still a comparatively new herd, very good choice has evidently been made in selection of foundation stock. They are using some good bulls and the young stock looked very promising. Mr. Bond is very enthusiastic himself and has his eye on the goal which all good Holstein breeders would like to achieve.

The next day we started for home via the Grand Canyon with many recollections of the good cattle we had seen and the kindnesses that had been shown us and the hope that some day we might be able to repay those kindnesses in part when the Southern Holstein breeders come north.

Woodstock, Ont. Douglas Hart

BIG GAINS FOR HEIFERS FED ALFALFA HAY

Many dairy farmers would suppose that heifers fed U. S. No. 2 Alfalfa heavy timothy mixed hay would gain as fast as those on U. S. No. 1 Alfalfa hay. But, such was not the case in an experiment conducted recently by Gordon, Moore, and Hosterman of the U. S. Department of Agriculture.

Six lots of hay were fed to 6 groups of dairy heifers as the only ration for 120 days. Three lots got the No. 1 Alfalfa and three lots the other hay. The animals on the No. 1 alfalfa ate an average of 24% more dry matter and gained an average of 90% more in body weight than those fed the other hay. The heifers ranged from 9 to 18 months of age. Eighteen Holsteins and six crossbreds were used. Those conducting this experiment say, "The relative cash values of hays producing differing amounts of growth per ton of hay may be calculated if the cost of one of the hays is known or assumed. If the cost of U. S. No. 1 Alfalfa Hay such as that used in this experiment was $40.00 per ton (1,800 lb. dry matter), U. S. No. 2 Alfalfa heavy timothy mixed hay would be worth about $26.00 per ton. These hypothetical prices allow no extra value for more rapid growth, which although desirable is difficult to evaluate."

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Extension Specialist in Dairy Husbandry

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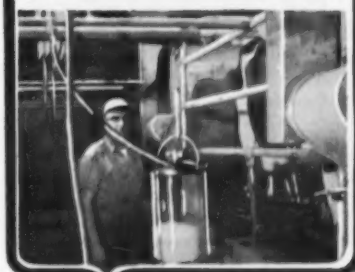

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Poor Quality Roughages in Ruminant Rations

Summary of talk by R. F. Davis, University of Maryland Dairy Department at Maryland Conference for Feed Manufacturers.

Recently there has been much interest in the possibility of including low quality roughages and several waste materials in ruminant rations. This is not a new principle. However, we have increased our knowledge about the deficiencies of low quality feeds and their utilization can now be improved.

Poor quality roughages, as we will consider them in this discussion, include such things as late cut grass hays, corn cobs, straws and any other materials of a very high fiber content.

It is evident that when poor quality feeds are used extra digestible protein must be supplied. Since the requirements of the rumen bacteria for protein are rather simple, any source of plant protein is satisfactory for feeding fuminants. A part of the nitrogen requirement may be supplied from non-protein nitrogen sources, such as urea.

One of the principal deficiencies in poor quality roughages is energy. When these feeds are used under conditions of maintenance, slow growth or low levels of production, they may provide sufficient energy. However, if they are to be fed in rations where an appreciable amount of production is expected, extra energey must be provided. We generally think of concentrates as our most acceptable source of extra energy in this type of a ration. Molasses allows ruminants to obtain more total energy from low quality roughages, even though molasses may decrease the actual digestibility of the feed. Molasses makes a roughage more palatable and increases intake, thereby offsetting the slight decrease in digestibility.

Some low quality roughages may be deficient in trace minerals. This deficiency can usually be met by including small amounts of molasses or legume hay in the ration in preference to complex mineral mixtures.

Animals kept for long periods on poor quality roughages without access to green feeds may need a vitamin A supplement. Except for very young animals, a vitamin D supplement is needed only by those not fed sun-cured roughages and kept from sunlight for long periods.

One or two pounds of legume hay per day appears to improve the utilization of poor quality roughages and is perhaps one of the most economical supplements which can be provided

with this type of feed. Frequently, the use of a complex mixture is uneconomical because it oversupplements certain materials which are not lacking in the ration.

INTERNATIONAL JUDGING SCHEDULE

The International Dairy Show has set a different judging schedule for their 1955 event. Holsteins will be moved to Thursday and Friday, October 13 and 14 instead of the date earlier in the week used at previous shows. The reason for the change is that Holsteins always come at the end of the show in Waterloo the previous week and it was felt there was an advantage in giving them that much extra time before appearing on the International tanbark.

Other breed schedules for the International are, Tuesday and Wednesday, October 11 and 12, the Ayrshire, Brown Swiss and Guernsey breeds, while Jersey and Milking Shorthorn will be sharing the big International amphitheatre with Holsteins on Thursday and Friday. Junior classes in all breeds will be judged on Monday, October 10. As previously announced, William K. Hepburn, Jr. will judge the Holstein classes this year.

The International Dairy Show (Oct. 8-15) announces a $25,000 recipe contest staged under the direction of Ruth Fischer Holbrook noted Chicago food economist. There are two divisions, one for "Cooks of Today", over 20 years of age, and the other for "Cooks of Tomorrow," under 20 years of age. For information write Golden Dairy Recipe Contest, International Dairy Show, Union Stock Yards, Chicago 9, Ill.

Since last year's dairy show the International Amphitheatre Building has been improved by the completion of a four and one half acre annex which will provide ideal housing for the animals this year.

As in previous Internationals top cow hands of the country will compete for rich cash prizes in the rodeo championships which are held throughout the period of the show.

Research and education are primary functions of the National Dairy Council. In addition to sponsoring nutrition research, it provides educational tools for the country's foremost government, professional, educational, and consumer leaders for their use in promoting better eating habits and thus increase the use of milk and dairy products.

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MAY 17	The Regasborne Holstein Sale (Osborne L. Sager, St. George). At Hays Sales Arena. One of Canada's most popular herds.
JUNE 2	The American National Convention Sale at Harrisburg, Penna., long famous as one of America's top Holstein sale events, under the management of Backus Sales, Inc.
JUNE 3-4	The Complete Forsgate Dispersal, at Jamesburg, N. J. 300 head of sensation type and production developed in 40-year program.
JUNE 13	The Complete Brown Corporation Dispersal at LaTuque, Quebec. 75 head. The herd that produced Corrine, Beldina, Annette, etc!
OCT. 17	The 12th Annual All-Canadian Sale at Hays Sales Arena. 70 head of Canada's choice bloodlines and individuals in this annual fall classic.
OCT. 18	The fifth Annual Maple Unit Breeders' Consignment Sale. At the Hays Sales Arena.
NOV. 16	The Holstein Sale of Stars—one of the World's greatest sales, at the Royal Winter Fair, Toronto.
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TEXAS TALK

TEXANS PRINCE BENEFACTOR PAUL 1042983 (VG) 88 PTS.

On March 23 a son of this bull was rated VG at barely 3-yrs. of age. A daughter scoring 83 pts. has recently finished a jr. 2-yr. old record of 17,896 - 3.8% - 682.4 F. on 2X. The same heifer was jr. champion in San Antonio in 1953 and was 1st in her class in 1955.

His Jr. Get was 1st in San Antonio and he sired a total of four firsts in individual classes.

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The Dunloggins of Lebanon County (Pa.)

FERNDALE FARM

Ferndale Farm, owned by Frank W. Fernsler and Frank Reist, is located at Lebanon, Pennsylvania. This is a breeding establishment that has been going for a long time and Frank Reist is the grandson of Frank Fernsler.

A bull of note used in this herd almost 10 years ago was Ferndale Nig Woodmaster, an outstanding son of Dunloggin Woodmaster. The bull Mr. Fernsler brought in to use on the daughters of Nig Woodmaster was Dunloggin Romeo Var, the Lochinvar son out of the 1047-lb. Dunloggin Romeo Mistress. When G. A. Burdick was completing his foundation herd at Otco Farms, he bought Romeo Var and a number of Nig Woodmaster daughters from Mr. Fernsler.

A bull now in service in the Ferndale herd is Pond Gate Ovation Emblem, a son of Curtiss Candy Ovation out of Dunloggin Fairy Gold, the full sister to Curtiss Candy Proud Sally. This bull has done a nice job at Ferndale and last year 4 of his daughters were classified Very Good, all as young cows. The Emblem daughters have very pleasing udders and they are developing into big strong cows.

My favorite cow in the herd was a tremendous 5-yr-old cow that reminded me of the younger pictures of some of the famous Golden Cross daughters. I came close as she was Pond Gate Princess Belle, a daughter of Dunloggin Lochinvar Prince out of Dunloggin Golden Belle, the Golden Cross daughter out of The Belle of Dunloggin. Mr. Fernsler paid $1300 for this cow in the Pond Gate Dispersal and she is developing into one of the nicest cows one would want. Classified Very Good, she looks as though she will keep right on improving. Her pedigree is one that would be difficult to equal anywhere with Dunloggin Mistress La Princess and Dunloggin Golden Belle right up close. I repeat —what a cow!

Another outstanding cow in the herd is Ryancrest Valentine Var, a Maple Haven Master Var daughter out of Wimbleton Dean Valentine. She was one of the top cows in the Ryancrest Dispersal several years ago.

There are too many good cows in the Ferndale herd to mention them all but on their last classification there were 20 Very Good cows in the herd. Their last year's herd average was over 480 fat for about 50 milkers on 2X. The Ferndale herd is just further proof that Lebanon County in Pennsylvania is the home of good linebred Dunloggins.

WEISSDALE FARM

A small herd that is progressing rapidly is the Weissdale herd owned by Howard Weiss, Myerstown, Pa. Howard and his herd are becoming quite famous for showing the grand champion male at the last 2 Farm Shows and at last year's Pennsylvania Black and White Show.

This show bull is Greenwood Triumph, a son of Skokie Great Ovation out of Jonabell Tanya who in turn was a granddaughter of Ivy Bower Marigold, the great Jonabell corner stone cow.

The day I saw Triumph, I was quite pleased with the way he has matured since the Black and White Show last September. Howard lead him out for me and his disposition is almost as good as his oustanding type.

There are 3 Triumph daughters milking in the herd and all as jr-2-yr-olds. They are not big heifers but they are the kind that will grow into cows. Their udders were also very uniform and nice.

At the heifer barn Howard showed me his jr. herd sire, owned jointly with Joe Canby, Greenwood Farm, Langhorne, Pa., the breeder of Triumph. This calf is a son of Greenwood Master (Skokie Great Ovation x Dunloggin Mistress Queen) out of North Star Sarah Della, an Excellent daughter of Dunloggin Follow On with 2 records over 600 lbs. of fat on 2X. This bull will never be the show bull that Triumph is but he should be a great bull to build on.

Howard also owns another herd sire in partnership with Adam Fernsler, Fernlea Farm, Lebanon, Pa. This bull, Ryancrest Var, is a son of Maple Haven Master Var out of Ryancrest Golden Bess, the 726-lb. Golden Cross daughter out of a Dunloggin Gold Master daughter that was a New York State Champion 3-yr-old. I didn't get a chance to see this bull but he should also fit well in Howard's Dunloggin program.—DLM

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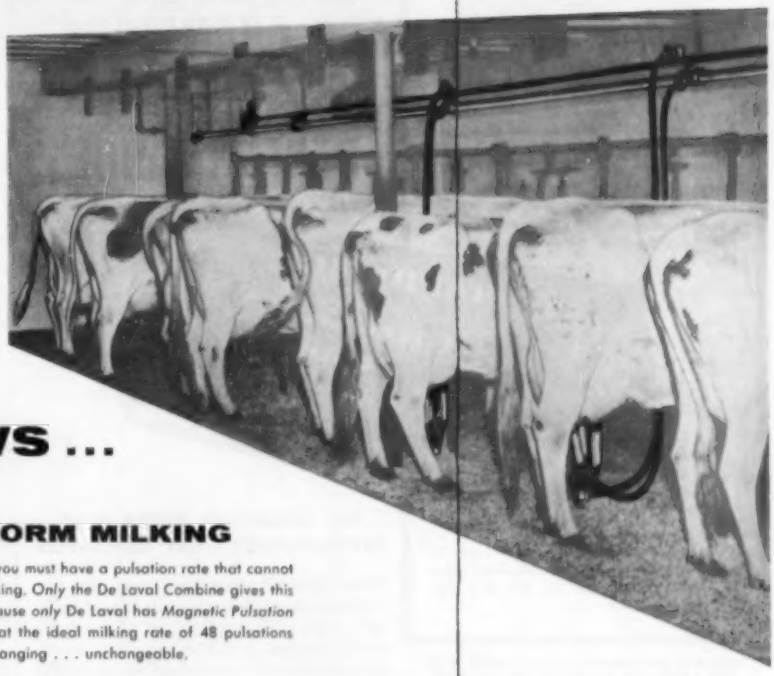

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(Continued from page 21)

on the part of all to encourage worthy individuals to join the Association.

Pennsylvania led with 243 new members and New York was a close second with 222. Wisconsin added 180, followed by Ohio with 173.

The Association lost 646 members throughout the year. Of these 417 were through death, 224 through termination or expiration of their membership and 5 through withdrawal.

Every effort is made by the Association to acquaint new buyers and new breeders with the advantages of membership in the Association. These efforts through correspondence are most worth while but no such program can be as effective as the personal contact and solicitation of neighboring breeders who are also members.

The Research Committee

The Research Committee, which was established by action of the Board of Directors in December of 1952, completed its second year of operation. Membership of the Committee was unchanged, including H. W. Norton, Jr., Chairman; Harold J. Shaw, Leon A. Piguet, Russell Pfeiffer, Dr. E. E. Heizer, Dr. V. A. Rice and Dr. Earl Weaver. Good progress was made during the year and College and Experiment Station people were very helpful, giving their full cooperation in the projects underway. (See complete report for list of projects.)

The Holstein - Friesian Research Foundation was established late in 1953 for the purpose of securing funds for carrying on research for the improvement and advancement of the breed. Receipts to the close of the year totaled $6,700 with expenditures for research projects amounting to $3,000, leaving a balance of $3,700 as of December 31, 1954. Contributions to the Foundation may be claimed as deductions in figuring income taxes.

Research is an expensive and time-consuming process and most of our Experiment Stations over the country are seriously handicapped by lack of funds for such purposes. They are extremely interested in our problems and anxious to study them if funds can be obtained to meet the costs. The Committee is most appreciative of contributions received and solicits the help of all who are interested and able to furnish funds for the research program.

Editor's Note:
This excellent report has been slightly abridged for reasons of space. Later installments covering other departments will follow in later issues. The complete report in pamphlet form will be available upon request.

ADVANCED REGISTRY REPORTS

Holstein-Friesian Association of America

ADVANCED REGISTRY REPORT NO. 3

HERD IMPROVEMENT REGISTRY

In this issue are reported 183 new herd averages for February. There are 3 herds tested in Classification 3X, 175 in Classification 2X and 5 in the 3X-2X combination. Also listed are the new herd averages for March, of which 6 are 3X herds, 210 in Classification 2X and 5 are in the 3X-2X combination, total 221 herds for March.

February

Classification 3X	No. Cows	Days in Milk	Avg. Milk	Avg. %	Avg. Fat
Chilocco Agr. School, Chilocco, Okla.	25	284	9214	3.8	352.7
Mallary, R. D. & G. R., Bradford, Vt.	44	307	13400	3.9	516.9
Westlea Farm, Bridgewater, Mass.	62	299	13275	3.9	520.2
Classification 2X					
Abbott, H. C., Locke, N. Y.	20	298	13206	3.7	489.8
Agr. & Tech. College of N. C., Greensboro, N. C.	9	278	9024	3.5	315.9
Aloisi, Leo, Northampton, Mass.	17	305	12529	3.8	473.0
Andrews, Gordon S. V., Lagrangeville, N. Y.	36	307	11852	3.7	435.7
Andrews, Est. of James B., Roanoke, Va.	17	297	9364	3.3	312.2
Angell, Fred, & Son, Lansing, Mich.	26	298	12990	3.9	502.4
Arthur, Donald J., Laceyville, Pa.	32	297	13181	3.8	496.6
Bailey, George D., Rochester, Vt.	29	305	10971	3.7	405.9
Baker, William J., Midland, Mich.	19	299	11695	3.5	404.0
Baldwin, H. D., & T. J. Merkel, Kutztown, Pa.	27	300	12050	3.5	418.5
Barber, Edwin & Priscilla, Nehalem, Oreg.	27	305	12745	3.5	450.6
Barfknecht, Paul E., Rice Lake, Wis.	24	313	11174	3.6	405.7
Becker, N. P., Almena, Wis.	12	310	11661	3.7	435.8
Bernhardy, Robert H., Beaver Falls, Pa	12	297	10410	4.0	411.4
Beuchel, Edwin J., Sheboygan, Wis.	31	296	11964	3.8	449.6
Bohnhoff, Wilbur A., Plymouth, Wis.	20	298	10956	3.7	405.5
Bowles, Louis G., Statesville, N. C.	30	284	11256	3.4	388.3
Boyle, Earl A., Belle Plaine, Kans.	9	316	11452	3.7	423.4
Brown, D. Wallace, Paullina, Iowa	15	297	11308	3.7	419.7
Bruene, Fred K. & R. E., Gladbrook, Iowa	12	287	9130	3.8	349.5
Burkert, Oscar K., Waterville, N. Y.	20	303	11275	3.5	390.6
Burmeister, C. H., Mason, Ohio	18	298	11250	3.5	396.7
Campbell, Edmund, Seguin, Texas	21	312	13684	3.7	500.4
Cantlon, Dr. Vernon, Wadsworth, Nev.	38	299	10984	3.5	382.0
Carlin, J. W., Smolan, Kans.	21	298	12713	3.7	466.0
Cate, Edward M., Jr., Tulare, Calif.	61	305	12590	3.8	482.4
Clark, C. F., Sandusky, Ohio	10	281	10580	3.5	369.0
Clausen, Wayne, Grand Mound, Iowa	9	294	13188	3.5	467.4
Clem, Daniel, New Paris, Ind.	13	311	11670	3.7	436.9
Coble, Wm. D., Guilford College, N.C.	20	304	12965	3.6	472.7
Conklin, Max, Delaware, Ohio	8	296	10952	3.8	418.7
Cooper, W. H., & Sons, Whitewater, Wis.	19	304	11539	3.7	421.5
Corbett, Eldon J., Colebrook, N. H.	35	312	13014	3.6	462.4
Couture, Mandoza & Edna, Morrisville, Vt.	32	307	11395	3.7	417.3
Craig, Albert B., Pittsburgh, Pa.	19	308	13273	4.1	543.1
Crowell, Donald V., South Dayton, N.Y.	62	307	11727	3.4	399.3
Cunningham, J. R., & Son, Mifflintown, Pa.	21	291	11267	3.6	401.1
Davenport, Maurice J., Shelburne Falls, Mass.	17	290	10798	3.7	395.6
Dean, Lyle V., Lacona, N. Y.	11	306	12236	3.7	451.3
Doornink, John H., Jr., Baldwin, Wis.	31	305	15555	3.8	588.2
Drawbaugh, Harlan & Dean, Gering, Nebr.	11	306	12233	3.5	431.9
Eisen Bros., California, Ky.	12	308	11143	3.5	393.6
Elmoka Farm, Barron, Wis.	17	303	13463	4.0	533.1
Elsbury, Elbert, Gurnee, Ill.	23	304	10994	3.9	427.1
Fabian Bros., Port Byron, N. Y.	41	305	13053	3.5	457.1
Fairchild, J. A. & W. D., Berwick, Pa.	36	277	9546	3.8	361.6
Fansler, Ray D., Jr., Hillsdale, Mich.	11	298	13796	3.6	494.4
Foote, Chester H., Fort Edward, N. Y.	39	318	12131	3.8	457.6
Fox, Geo. A., Sycamore, Ill.	30	308	10084	3.8	379.6
Garst, M. C., & H. W. Craun, Roanoke, Va.	33	280	11692	3.5	408.4
Gates, Lester E., Jamesport, Mo.	8	278	11420	3.9	449.2
Geiser, Victor, New Holstein, Wis.	20	303	10136	3.8	386.1
Gerke, Benj. & Lydia, Decatur, Ind.	16	307	11290	3.7	419.2
Gerlach, Arthur, St. Ansgar, Iowa	17	323	11610	3.8	443.6
Gerlach, Earl, & Sons, St. Ansgar, Iowa	16	312	12355	3.8	467.2
Gerow Brothers, Washingtonville, N.Y.	27	297	9861	3.9	379.9
Gillett, Elton, & Son, Rosendale, Wis.	23	308	13470	3.7	494.3
Goebel, Edmond J., Franksville, Wis.	14	310	12101	3.5	424.7
Goff, Earl S., & Son Bruce, Wis.	15	311	12115	3.6	434.3
Gottfried, Lewis, Jr., Upper Sandusky, Ohio	10	295	11696	3.6	419.5
Gremelsbach, Eldon E. Lewiston, Minn.	36	305	11930	3.5	417.4
Halladay, Giles W., Feeding Hills, Mass.	26	304	11585	3.6	418.8
Hallock, A. S., Laceyville, Pa.	10	296	14096	3.8	539.7
Hanson, Arthur B., Baldwin, Wis.	12	314	10818	4.2	454.5
Hanson, Freeman L., Chetek, Wis.	17	306	11776	4.3	501.1
Hartman, Arthur, Barnard, Mo.	15	306	12104	3.9	470.5
Hazlewood, Clifford, Beloit, Wis.	18	311	10537	3.5	366.4
Heinz, Dr. W. C., Hamilton, Ohio	20	294	11991	3.3	393.2
Henry County Home, Mt. Pleasant, Iowa	19	285	12967	3.5	458.8
Henry, C. W., Greeley, Colo.	22	333	12311	4.0	495.0
Henry, Herbert F., & K. T., Ogdensburg, N. Y.	27	300	12178	4.1	495.9
Herinckx, John J., Cornelius, Oreg.	18	305	10691	3.3	355.0
Hetlage, William & Gladys, Wright City, Mo.	11	294	8044	3.7	301.3
Heuermann, Rhea, Buffalo, Wyo.	29	278	11835	3.7	432.2
Hiigli, Ernest, Union Mills, Ind.	12	289	11574	4.0	466.7
Hollins College, Hollins College, Va.	42	305	13129	3.3	430.4
Holter, Cecil K., Jefferson, Md.	20	317	10179	3.8	386.2
Hubbard, Leland, Olean, N. Y.	25	281	10922	3.6	392.1
Huckins, Jim, & T. Morrison, South Bend, Ind.	22	256	10196	3.6	369.4
Hummel, Fred E., Wasco, Ill.	48	297	12113	3.7	445.4
Hunt, John A., Culpeper, Va.	25	302	12169	4.0	492.6
Hutchinson, W. L., Cecil, Pa.	14	311	14319	3.8	537.4
Ifert, Ira D., Middletown, Md.	50	300	11865	3.8	452.8
Irish, L. W., Valatie, N. Y.	55	303	11344	3.8	431.6
James, Chester A., Loudonville, Ohio	29	300	14275	3.5	496.9
Jesse, Vincent, Barron, Wis.	17	300	10882	4.2	454.3
Johnson, A. W., Burlington, Wis.	38	293	10298	3.7	378.8
Kadow, Earl R., Vancouver, Wash.	44	318	12691	3.4	431.4
Kaiser, C. M., & Son, Hilliard, Ohio	32	299	12506	3.7	446.5
Keene, Raymond E., & M. R., Auburn, Maine	22	292	11001	3.9	425.8
Koester Bros., Gladbrook, Iowa	16	299	11426	4.0	459.1
Kuske, Emil, Dodge Center, Minn.	14	310	12762	3.9	501.0
Lindow Bros., Portland, Oreg.	27	311	9994	4.0	395.8
Loomis Institute, The., Windsor, Conn.	49	310	11216	3.7	417.6
Louisiana State University, Baton Rouge, La.	68	289	9515	3.4	326.4
Luebker, W. F., & L. Gifford, Delta, Ohio	9	306	12655	3.7	463.8
Lussman, Wilbert, Arcadia, Iowa	8	303	10988	3.6	394.6
Maberly, Thomas E., Rupert, Idaho	12	301	14399	3.5	510.8
Magee, James W., Millerton, N. Y.	47	288	12072	3.7	450.2
Mallary, Richard W., Bradford, Vt.	34	300	11333	3.8	436.2
Mandell, W. C., Canutillo, Texas	47	312	12556	3.6	449.5
Martig, Arnold R., Dodge Center, Minn.	25	312	11389	3.5	397.1
Martin, Paul C., Harrison Valley, Pa.	15	303	14601	3.9	569.9
Mayhew, Mrs. Nancy, West Bend, Wis.	10	287	11454	3.6	411.9
McElmeel, Paul, Greeley, Iowa	13	277	8025	3.6	290.8
McIntyre, Howard D., Perry, N. Y.	28	308	15023	3.8	567.2
Miehe, Carl E., & Son, Maynard, Iowa	9	326	11928	3.3	398.2
Murphy, F. Andrew, Canajoharie, N.Y.	18	285	11979	3.4	410.2
Oats Brothers, Fallon, Nev.	56	310	12879	3.6	455.5
Olsen, Christian, & Sons, Nicollet, Minn.	15	279	11803	3.6	430.4
Pasco, Luke J., Washington, Pa.	23	324	12737	3.7	466.8
Payne, W. O., Danville, Ky.	19	292	11522	3.6	420.3
Pendleton, Nelson, Lyndonville, Vt.	34	284	9991	3.7	372.2
Peterson, A. C., & Son, Ionia, Iowa	16	315	11485	3.7	428.5
Phillips, Robert E., Milford, N. J.	10	305	11910	3.7	445.8
Phipps, W. Levis, Wilmington, Del.	18	325	11526	4.0	457.8
Plocher, Fred, & Sons, Woodland, Calif.	40	289	10494	3.5	367.3
Putney School, Inc., Putney, Vt.	29	300	12421	3.9	483.8
Rahl, Philip, Washingtonville, N. Y.	26	300	10173	3.7	378.2
Red Dot Foods, Inc., Rhinelander, Wis.	17	231	5762	3.5	199.1
Reed, James H., Visalia, Calif.	31	310	10902	3.9	422.0
Rehder, Donald, Gladsbrook, Iowa	24	287	11191	4.1	455.4
Reich, Dr. E. H., Winston-Salem, N.C.	22	306	12058	3.5	425.4
Remsberg, J. Homer, Middletown, Md.	33	300	10836	3.8	408.6
Riegle, John L., Davison, Mich.	26	266	8013	3.4	276.0
Roby, Willard E., Medina, Ohio	23	301	13656	3.7	507.5
Rock, Lloyd J., Corunna, Mich.	13	316	11917	3.6	433.5
Rothschild, David, Norwich, N. Y.	15	303	10458	3.5	368.0
Rublee, Glenn W., Wallingford, Vt.	14	303	10156	3.7	377.5
Safanie, M. D., Ancram, N. Y.	31	297	13366	3.8	506.7
St. Mary's Seminary, Perryville, Mo.	25	298	11431	3.7	418.3
Schintzius, Paul, South Wales, N.Y.	23	307	13068	3.8	499.4
Schlicher, Corliss E., Laingsburg, Mich.	18	302	12460	3.5	439.7
Schmidt, Mr. Harold J., Modesto, Calif.	85	309	14234	3.8	539.9
Schneider, Ambrose J., Fond du Lac, Wis.	7	284	11497	3.4	386.7
Severson, H. A., Cameron, Wis.	19	317	12147	3.6	431.4
Sherwood, Burr, Livingston Manor, N.Y.	29	307	11544	3.8	442.8
Sims, Dr. Jacob B., Lancaster, Ohio	23	279	8308	3.6	299.9
Sleepy Hollow Certified Milk Co., Petaluma, Calif.	47	279	10374	3.6	375.8
Sloan, Donald, Ellendale, Minn.	5	326	14059	3.8	530.1
Slyder, Est. of Frederick, New Freedom, Pa.	13	296	11621	3.6	420.8
Smith, Ross E., & Son, Monkton, Md.	18	312	12334	3.6	447.6
Snyder, Rohland, & Sons, Malvern, Ohio	19	297	8447	3.6	302.2
Spiegelberg, Arnold H., Manawa, Wis.	16	314	10787	3.8	405.9
State College of Washington, Pullman, Wash.	35	299	12082	3.8	459.2
Stoltenow, Manville, Great Bend, N. Dak.	15	283	10762	3.8	404.3
Stoltzfus, Gideon K., Lancaster, Pa.	15	299	11528	3.5	400.8
Stoltzfus, Job, Elverson, Pa.	40	307	12611	3.9	490.9
Stookey, Millard & Emra G., Milford, Ind.	23	317	14287	3.8	537.3

February (con't.)

Classification 2X (Con't.)	No. Cows	Days in Milk	Avg. Milk	Avg. %	Avg. Fat
Stubbe, Henry, Central City, Nebr.	20	289	9708	3.7	361.7
Texas A. & M. College, College Station, Texas	68	301	12938	3.4	443.7
Thompson, Clayton, Elroy, Wis.	11	291	12005	3.9	472.4
Tidwell, Ray E., Douglasville, Ga.	59	313	10639	3.6	379.8
Tull Bros., Seaford, Del.	55	300	12110	3.7	453.9
University of Illinois, Urbana, Ill.	57	269	9348	3.6	338.8
Villwock, Victor, Mayville, Wis.	19	279	11671	3.5	409.7
Virts, Edgar C., Jr., Jefferson, Md.	23	326	14199	3.6	515.1
Walk, Foster, Neoga, Ill.	24	310	12729	4.3	543.3
Walker, Ralph & Grover, Gaithersburg, Md.	46	316	11665	3.7	428.4
Waltner Farms, Mt. Vernon, Wash.	24	317	14270	3.7	530.5
Warner, Earl G., Sandusky, Mich.	25	315	9919	4.3	422.4
Wayne, Ralph W., St. Paul 8, Minn.	25	306	12203	3.6	445.1
Weidman, George J., Cedarsburg, Wis.	26	289	13078	4.0	520.5
Wendel, R. & R., Santa Rosa, Calif.	35	310	10799	3.6	385.6
Wenger, M. M., Rheems, Pa.	22	292	10181	3.7	374.0
Westfall Farm, Port Jervis, N. Y.	38	317	11740	3.9	454.1
Whitcomb, H. H., Littleton, Mass.	15	313	10202	3.4	351.1
Whitcomb, H. R., Fredericksburg, Iowa	26	286	11688	3.6	422.0
Wilcox, Leslie A., Cromwell, Conn.	9	306	9048	3.8	344.7
Wilkinson, Carroll J., Westerly, R. I.	33	329	11156	3.7	412.5
Winans, Huntting C., Pine Plains, N. Y.	39	285	12803	3.7	473.3
Win Mock Farm, Winston-Salem, N. C.	12	288	12188	3.6	436.3
Wood, Roy, Ionia, Iowa	18	301	10787	3.6	383.1
Wyoming State Training School, Lander, Wyo.	54	308	10344	3.6	367.7
Zimmerman, O. E., Hudson, Mich.	19	310	12607	3.6	453.3

Classification 3X-2X	No. Cows	Days in Milk	Avg. Milk	Avg. %	Avg. Fat
Beezley, R. C., Girard, Kans. (2-2X-33-3X)	35	312	14006	3.7	515.2
Oklahoma A. & M. College, Stillwater, Okla. (35-2X-7-3X)	42	292	10409	3.8	396.5
Shaw, Harold J. Sanford, Maine (16-2X-58-3X)	74	292	14335	3.9	565.8
Walworth County Farm, Elkhorn, Wis. (43-2X-19-3X)	62	315	13938	4.0	564.0
Widdup, John B., Ellicott, Md. (32-2X-1-3X)	33	312	9782	3.8	370.4

March

Classification 3X	No. Cows	Days in Milk	Avg. Milk	Avg. %	Avg. Fat
Maryland House of Correction, Jessups, Md.	53	316	11569	3.4	397.9
Montana State College, Bozeman, Mont.	15	312	13511	3.6	485.9
Morningside State Hospital, Portland, Oreg.	18	325	15990	3.3	523.7
Sharp, C. T. & Sons Dairy, Mesa, Ariz.	81	307	12731	3.4	438.6
Sharp, Steven A., Mesa, Ariz.	6	313	13375	3.4	457.5
Zimmerman, Lewis A., Lehighton, Pa.	31	307	16563	4.0	670.0

Classification 2X	No. Cows	Days in Milk	Avg. Milk	Avg. %	Avg. Fat
Adams, E. C., Blue Springs, Mo.	14	304	9344	3.9	361.0
Albers, Urban J., Minster, Ohio	15	303	13323	3.4	414.7
Albrecht, John & Sons, Sumner, Iowa	16	304	12735	3.7	469.6
Alleman, E. D., Big Prairie, Ohio	28	307	11214	3.7	413.5
Allinson, E. Page, West Chester, Pa.	27	281	10028	3.7	370.3
Arizona State College, Tempe, Ariz.	47	289	10017	3.6	362.0
Augur, Donald J., Northford, Conn.	6	317	17416	3.9	683.9
Axelson, Russell, Mt. Vernon, Wash.	15	281	11171	3.3	370.5
Bain, David K., & Son, Argyle, N. Y.	22	300	12317	3.8	465.5
Bannwart, Wm., & Sons, Wanatah, Ind.	27	311	12542	4.0	505.0
Baptist Orphanage of N. C., Thomasville, N. C.	41	316	9694	3.5	343.6
Barney, Lee & Roy Phipps & Son, Elkhorn, Wis.	50	302	12729	3.6	453.6
Bayside Farm, Morehead City, N. C.	36	294	10137	3.4	345.4
Beck, Louis, Oshkosh, Wis.	14	291	10509	4.0	421.4
Beck, Lyle, Oshkosh, Wis.	17	286	13505	3.6	471.7
Beckman, Wilbert, Minster, Ohio	21	305	11581	3.5	409.5
Beier, Elmer, Berlin, Wis.	7	282	13225	4.0	527.5
Beilke, Ervin, Fair Water, Wis.	35	292	13109	3.5	462.4
Bell, Russell, Brown City, Mich.	30	305	11647	3.7	436.4
Bishop, J. T., & D. H. Turk, Pennellville, N. Y.	26	298	14036	3.7	526.3
Boerger, L. E., Irwin, Ohio	20	303	11718	3.8	447.3
Bouic Brothers, Marysville, Ohio	49	317	12806	3.9	498.5
Bowen, Clark, Wellsboro, Pa.	10	307	16146	3.9	624.7
Bowman, Charles P., & Sons, Alexandria, Pa.	17	300	11186	3.7	411.9
Bowman, G. L., Boones Mill, Va.	17	294	10210	3.9	394.2
Brandes, Clarence L., Wellsville, N. Y.	11	313	11670	3.5	405.2
Brewer, A. B., & Son, Canaan, Conn.	69	294	12836	4.0	517.4
Brokenstraw Farms, Pittsfield, Pa.	48	280	10718	3.7	391.9
Brown, V. J., & Son, Jonesville, Mich.	17	281	8762	3.8	334.0
Brown, W. Elbert, Ethlyn, Mo.	19	310	12470	3.7	457.1
Buchholz, Ervin, & Son, Pigeon, Mich.	14	295	12070	3.6	435.7
Bucklin, V. Rhodes, Charlotte, Vt.	20	303	11975	3.6	430.5
Campbell, Clair B., North Judson, Ind.	21	322	15167	4.1	619.8
Canada Farm, Jamestown, Ind.	30	272	7238	3.4	248.7
Carroll, P. A., Ellicott City, Md.	8	303	12943	3.3	423.2
Case, John P., Naperville, Ill.	35	321	11835	3.8	448.5
Churchill, L. W., Westmoreland Depot, N. H.	41	309	11027	3.6	392.5
Clark & Carr, Mukwonago, Wis.	28	307	12193	3.7	450.4
Coblentz, W. Kieffer, Middletown, Md.	22	288	10990	3.8	420.6
Columbia County Hospital, Wyocena, Wis.	36	321	12837	3.6	458.8
Comings, George H., Bainbridge, N.Y.	15	296	12759	3.7	470.8
Consolidated Water Power & Paper Co. Argonne, Wis.	40	312	10408	3.7	383.5
Courtney, T. E., De Kalb, Ill.	24	296	12807	3.7	475.3
Covert, Harry E., & Son, Leslie, Mich.	25	307	11353	3.8	434.1
Davenport, Frank H., Unionville, N.Y.	27	275	10774	3.9	421.2
Davis, C. L., Pittsfield, Maine	23	300	11590	3.8	446.0
DeLong, John W., Mexico, N. Y.	15	297	11612	3.8	454.0
Desotel, G. J., Dows, Iowa	19	297	10984	3.6	392.9
Diamond over D Ranch, Parker, Colo.	30	278	11898	3.6	427.6
Durfee, E. W. & W. L., Chittenango, N. Y.	27	305	13908	3.7	510.8
Eastwood, Ralph E., Woodford, Wis.	29	295	11647	3.8	447.6
Ellingson, E. H., & Son, Poplar Grove, Ill.	29	305	10440	3.9	404.3
Elliott, Frank G., New Paltz, N. Y.	17	288	12440	3.6	453.7
Ellis, John G., Lee, Mass.	17	313	13895	3.8	531.6
Ellis & Smith, Greene, Iowa	18	291	11556	3.7	422.9
Faryna, Henry, Perry, N. Y.	39	304	13908	3.6	506.7
Fenwick, Robert R., Chardon, Ohio	18	315	10751	3.6	382.8
Fowler, Anderson, Peapack, N. J.	25	307	11686	4.0	463.7
Frank, F. W., Hobart, Ind.	37	305	13074	3.6	471.8
Fresno State College Foundation, Fresno, Calif.	17	327	13164	3.9	512.7
Frizzell, T. J., Charlestown, N. H.	26	291	11426	3.6	416.6
Gallacher, Arthur W., Mt. Vernon, Wash.	21	332	12453	3.9	489.2
Garber, J. C., Lancaster, Pa.	19	296	12026	3.8	460.7
Giles Bros., West Des Moines, Iowa	21	285	11274	3.6	409.1
Gillis, C. G., Woodville, Wis.	19	287	12885	3.9	505.5
Graber, Leroy, Marion, S. Dak.	15	301	12290	3.6	442.7
Grafton State Farm, Grafton, Ohio	82	311	10315	3.6	367.8
Grant, Daniel, Afton, N. Y.	29	317	13146	3.6	476.2
Grover, Hilton E., Pine Bush, N. Y.	22	295	10876	3.5	385.1
Gunter, Noel, Hanford, Calif.	7	325	12780	3.7	478.9
Hanson, H. J., New Richmond, Wis.	23	308	12008	3.8	455.0
Harding, J. T., Tunkhannock, Pa.	15	315	11522	3.6	410.4
Hartland Farms, Clayton, Mich.	30	297	13726	3.6	495.8
Hazen, Walter M., & Son, Alliance, Ohio	29	305	9408	3.5	327.7
Heckman, Herman, St. James, Minn.	14	288	11253	3.6	406.7
Hedegard, Sanford N., Manteca, Calif.	33	310	13632	3.8	517.8
Herman, A. G., Waynesfield, Ohio	18	260	9591	3.5	333.6
Hill, Howard J., Albion, N. Y.	17	288	10888	3.6	389.9
Hochstedler, Willis M., Kokomo, Ind.	18	288	12799	3.5	447.3
Hoerth, Aloysius, Chilton, Wis.	18	292	9929	3.7	370.4
Holly Farms Division, Chicago, Ill.	16	306	9778	3.7	359.2
Homestead Farms, Inc., Stormville, N.Y.	42	300	12787	3.5	446.1
Homrighausen, Elizabeth W., Phoenix, Ariz.	37	282	10380	3.6	370.5
Hopkins, Donald & Roy, Clearwater, Kans.	27	296	11541	3.4	396.4
Hopkins, Frank, & Son, San Jose, Calif.	99	304	14899	3.5	523.9
House, Clarence C., & Sons, Avon, N.Y.	36	297	9221	3.8	348.5
Hughes, Charles, & Son, Neenah, Wis.	20	311	10592	3.6	379.3
Hummel, Wm., Medina, Ohio	17	295	10443	3.7	385.9
Huntley, T. Llewelyn, So. Royalton, Vt.	19	321	13329	3.6	482.5
Hurlwood Holstein Farm, Ashley Falls, Mass.	39	319	14312	3.9	554.6
Idaho State School for the Deaf & Blind, Gooding, Idaho	13	291	13475	3.3	442.6
Jergens, A. H., Hutchinson, Minn.	30	282	11985	3.6	431.7
Jerome, Wallace, Barron, Wis.	26	271	10427	3.8	398.8
Johnson Brothers, Hermansville, Mich.	17	258	6982	4.0	278.0
Jones, Miss Sarah V. H., Rochester, Mich.	23	237	6841	3.6	244.3
Kansas State College, Manhattan, Kans.	32	274	11230	3.4	384.0
Kennedy, Raymond A., & Sons, Norwich, N. Y.	70	278	8908	3.5	313.6
Kerr, K. J., Postville, Iowa	23	299	11212	3.9	431.9
Kirby, Charles H., Harrisonville, N. J.	34	319	10896	3.7	402.6
Koch, Shirley & Ken, Brighton, Colo.	24	264	8906	3.7	328.4
Krapf, Joseph & Henry, W. Willington, Conn.	21	279	9718	3.7	364.3
Kruse, Edwin E., Loganville, Wis.	28	305	13298	3.5	470.5
Kurka, Joe, Jr., Ovid, Mich.	23	302	15135	3.4	512.9
Lamaga Stock Farm, Lebanon, N. Y.	30	313	11874	4.0	478.6
LaMonte, Dalton, Charlotte, Mich.	16	296	11225	3.6	400.0
Lehman, Daniel, West Liberty, Ohio	12	318	13584	3.6	486.7
Lepien, Herbert, Hartford, Wis.	24	317	10386	3.9	404.7
Lichtenwainer, I. H., Barron, Wis.	14	294	10670	3.9	412.0
Lichty, Paul E., Rittman, Ohio	20	312	13762	3.5	485.9
Liechty, Paul E., & Sons, Berne, Ind.	17	289	11739	3.6	421.8
Lillywhite Ranch, Aztec, N. Mex.	21	265	9807	3.6	350.9
L. A. Board of Education, Pierce School, Canoga Park, Calif.	12	259	8817	3.5	305.8
Ludwig, Clarence, Breda, Iowa	15	308	13581	3.7	500.2
Lugibihl, Alvin C., & Sons, Pandora, Ohio	12	311	15155	3.5	537.7
Malnati, J. A. & A. J., Ashley Falls, Mass.	63	309	12910	3.7	480.5
Mansberger, C. A. & C. A., Jr., Ellensberg, Wash.	25	316	14658	3.7	544.6
Marks, Harry, Mondovi, Wis.	26	306	10466	3.7	384.9
Marlow, J. C., & John Rahbek, Mankato, Minn.	39	317	10791	4.0	436.1
Marlow, J. C., & C. W. Sonnabend, Mankato, Minn.	25	292	9447	3.8	358.6
Marti, Oliver, Sleepy Eye, Minn.	20	296	11204	3.4	377.6
Mazelin, Benjamin D., Berne, Ind.	8	313	11239	3.9	433.4
McAlpin, Willis A., Villisca, Iowa	35	293	10285	3.7	383.6
McGuire, David J., & Son, Cambridge, N. Y.	31	293	10664	3.7	399.7
McLaughlin, R. B., Byron, Ill.	53	272	9464	3.8	361.7
McSchooler, O. G., Omro, Wis.	18	316	12091	3.7	444.5
Meier, D. G., Jr., Hitchcock, Okla.	8	271	10597	3.8	406.0
Meier, Wm. F. & Ruben Meier, Grand Island, Nebr.	26	312	12027	3.5	418.3
Men's Reformatory, Anamosa, Iowa	60	306	11171	3.6	399.1

March (Con't.)

Classification 2X (Con't.)

	No. Cows	Days in Milk	Avg. Milk	Avg. %	Avg. Fat
Meyer, Fred F., Somerville, N. J.	20	306	11225	3.7	412.8
Meyer, Grover G., Basehor, Kans.	51	296	10539	3.5	367.9
Meyer, Ray E., Roselle, Ill.	17	297	12393	4.0	492.8
Meyer, W. B., & Son, Elkhorn, Wis.	38	302	15191	3.5	530.0
Miller Brothers, Au Gres, Mich.	30	289	10466	3.6	379.4
Miller, Burton S., Addison, Mich.	15	308	13772	3.7	503.4
Miller, Wayne, Neponset, Ill.	15	318	13160	3.7	491.5
Mitchell, V. D., Reinbeck, Iowa	10	320	12315	3.7	451.4
Montgomery, Robert C., Boulder, Colo.	27	315	12739	3.7	465.6
Moore, O. W., Gering, Nebr.	29	315	9764	3.4	334.5
Mueller, C. H., & Sons, Lewiston, Minn.	71	294	10494	3.5	372.0
Nehrbass, J. J., Richfield, Wis.	34	297	11550	3.6	418.2
Neis, Lawrence, Juneau, Wis.	30	317	10106	3.7	373.1
Nichol, Day E., Indiana, Pa.	28	299	10233	3.6	356.9
Oberlin, Perry, & Sons, Bryan, Ohio	26	299	12393	3.5	436.1
O'Malley, C. Walter & C., Elkhorn, Wis.	60	302	10171	3.9	393.2
Oregon State College, Corvallis, Oreg.	33	273	8706	3.8	332.9
Oviatt, Est. of Grace, Huron, S. Dak.	23	284	10293	3.5	365.0
Palma, Fred, Ypsilanti, Mich.	70	296	11245	3.5	397.7
Perkins, Kenneth, Hudson, Ind.	32	293	10417	3.5	368.0
Perrott, E. W., Jr., M. D., Denver, Colo.	18	304	10889	3.8	418.5
Pflum, Ben A., Fallon, Nev.	9	305	11237	3.7	411.8
Pickworth, Paul Otis, Wellington, Ohio	9	303	10814	3.8	410.2
Pifer, Dr. P. E., Kenosha, Wis.	21	309	13854	3.9	534.4
Platt, Frances, & Raymond Wilcox, Mason, Mich.	18	268	10081	3.5	350.2
Prairieway Farms, Harvard, Ill.	39	294	10670	3.6	383.9
Pritzl, Harold, Cato, Wis.	20	296	11849	3.6	429.2
Pumphrey, Chas. A., & Sons, Ellicott City, Md.	39	287	11935	3.6	427.5
Powers, Leo, Pleasant Lake, Ind.	8	273	9110	4.0	367.4
Rahr Malting Co., Manitowoc, Wis.	20	325	14644	3.7	535.8
Rettew, Harvey, Manheim, Pa.	7	250	10422	3.5	367.0
Rockwell, Earl D., Union City, Pa.	17	292	9199	3.8	350.8
Roger Jessup Farms, Glendale, Calif.	36	295	15611	3.8	600.2
Rosecliff Farm of the National Forge and Ordinance Co., Irvine, Pa.	26	316	14589	3.8	548.4
Rypma, Theo., New London, Ohio	14	323	11725	3.6	418.7
Sawyer, Gerald E., Middlebury, Vt.	34	273	11752	3.6	428.4
Schlenker, John, Wapakoneta, Ohio	26	314	11924	3.4	403.0
Schurman, John, Deer Park, Wash.	14	302	11171	3.5	395.8
Shadel, Stuart, Janesville, Wis.	48	305	12261	3.6	438.5
Simon, Alvin, Altura, Minn.	29	293	11758	3.5	409.9
Sisson, Howard, Sherburne, N. Y.	11	259	10665	3.7	395.7
Skroch, Emil P., Independence, Wis.	12	312	11785	3.5	409.7
Smallidge, C. F., Lancaster, N. Y.	12	299	12567	3.5	444.8
Slater, Geo., & Son, Olin, Iowa	29	298	14238	3.7	532.1
Smith, Leroy D., Broken Arrow, Okla.	39	313	12360	3.9	477.4
Southwest Texas State Teachers College, San Marcos, Texas	18	258	7588	3.4	256.3
Spies & Lein, Graettinger, Iowa	30	302	10853	3.8	416.6
Sprenger, Fritz, Zumbro Falls, Minn.	22	321	10249	3.7	379.6
Staack, A. H., & M. V. Nading, Volga, Iowa	21	304	10350	3.6	371.1
State Juvenile Home, Toledo, Iowa	20	312	13811	3.6	501.1
Stenning Farms, Lake Geneva, Wis.	29	302	12166	3.6	441.2
Stone, Malcolm B., Groton, Mass.	16	300	11320	3.8	425.9
Stout, Margin, Pittstown, N. J.	38	296	10685	3.7	395.2
Sturman, R. J., Onondaga, Mich.	17	293	12557	3.6	454.4
Swanson, Dwight, Lillian & Vernon, Bay City, Wis.	25	333	12119	3.5	427.3
Swanson, Wendell R., Galt, Iowa	15	293	11544	3.6	419.6
Tanner, Gotthold, Morton, Ill.	14	311	13184	3.6	475.5
Thomson, Robert F., Springfield, Mo.	25	316	13247	3.6	474.0
Toplands Farm, Roxbury, Conn.	47	291	11022	3.6	400.6
Tullis, F. W., Monroe, Mich.	20	316	12632	3.6	452.2
University of Minnesota, Crookston, Minn.	17	312	11267	3.4	380.7
University of Minnesota, Morris, Minn.	32	315	12136	3.5	420.6
University of Nevada, Reno, Nev.	32	307	13377	3.5	469.3
Urban, Harold, Butler, S. Dak.	14	307	10518	3.4	355.5
Vaske, Clarence L., Dyersville, Iowa	14	255	7861	3.8	302.3
Verboon, John, Hanford, Calif.	42	307	14035	3.8	538.9
Verslues, Frank, Jefferson City, Mo.	14	288	12461	3.7	465.8
Warnick, Merrill N., & Sons, Pleasant Grove, Utah	24	289	10172	4.0	404.3
Wayne, James C., Ellendale, Minn.	34	277	9799	3.7	359.6
Weiner, Arthur H., Columbus, Wis.	18	309	13535	3.5	472.1
Wells, P. F., & Son, North Adams, Mich.	15	301	14547	3.9	561.1
West, E. P. & O. C., Hadley, Mass.	64	304	9936	4.2	415.2
Wigsten, F. M., Pleasant Valley, N. Y.	30	289	12258	3.7	447.7
Wilkie, Howard, Milan, Mich.	21	303	12870	3.4	436.1
Willcox, C. G., North Norwich, N. Y.	18	291	12055	3.7	451.6
Wing, Amy E., Canaan, Conn.	28	288	10092	4.1	410.9
Winnebago State Hospital, Winnebago, Wis.	78	285	10276	3.7	384.4
Witherow, H. C., Live Oak, Calif.	12	291	8995	3.6	323.6
Worth, H. R., Athens, Mich.	7	325	12335	3.8	467.3
Youngquist, Donald, Mt. Vernon, Wash.	33	310	13485	3.5	478.6
Youngquist, Emil, Mt. Vernon, Wash.	43	328	14226	3.6	513.6
Zobel, Edgar H., Green Lake, Wis.	27	289	10785	3.6	383.1

Classification 3X-2X

	No. Cows	Days in Milk	Avg. Milk	Avg. %	Avg. Fat
Bickford, S. L. & H. E., Newtown, Conn. (20-2X-39-3X)	59	290	13480	3.6	488.8
Brunky, A. H., M. D., Green Bay, Wis. (23-2X-7-3X)	30	303	9857	3.4	338.3
Evers, Albert J., Forest Grove, Oreg. (1-2X-39-3X)	40	315	14116	3.4	483.3
Kingdom Farm Assn., So. Lansing, Mich. (5-2X-32-3X)	37	251	10381	3.4	356.6
Terrace Farm, Titusville, Pa. (5-2X-49-3X)	54	296	12255	3.4	416.5

SILVER MEDAL TYPE SIRES

Name of Bull and Owner	Daus. Fresh or 3 Yrs. Old	% Daus. Classified	Avg. Score	Required Score
BAKER FARM DUNWOOD PRIDE 949094 (EX) Ridgely Farm, Stone Ridge, N. Y.	Qualifies under alternate rule 52 daughters classified in 31 herds.		81.7	81.0

SILVER MEDAL PRODUCTION SIRES

Name of Bull and Owner	No. Pairs	Daus. Avg. Milk	Daus. Avg. %	Daus. Avg. Fat	Dams Avg. Fat	Daus. Avg. Required
BOLTON GREEN HILL QUEEN 920702 Milton M. Brown, Cecilton, Md.	10	14937	3.56	531.7	553.0	531.5
BORDER VALE BURKE 971485 (GP) Mr. & Mrs. Alfred Stump, Phoenix, Ariz.	12	12768	3.56	455	390	450
KYLAND GALLANT LAD 1028833 W. D. Kyle, Jr. Oconomowoc, Wis.	11	17523	3.52	617	503	506.5
OAK-A-DON SIR BESS KING 1028963 (GP) Northern Ohio Breeders' Co-op. Assn., Tiffin, Ohio	10	14888	3.68	548	409	459.5
PACIFIC SLOPE BURKE DINAH 1032011 Frank Cotta, Jr. & Allen Johnson, Los Banos & Turlock, Calif.	13	15650	3.79	593	530	520
TYLER FARMS RAG APPLE DICK 950993 (VG) R. A. Gould, Marshfield, Vt.	13	13952	3.84	535	406	458

GOLD MEDAL SIRES

BAKER FARM DUNWOOD PRIDE 949094 (EX)
Ridgely Farms, Stone Ridge, N. Y.

BORDER VALE BURKE 971485 (GP)
Mr. & Mrs. Alfred Stump, Phoenix, Ariz.

PACIFIC SLOPE BURKE DINAH 1032011
Frank Cotta, Jr. & Allen Johnson,
Los Banos & Turlock, Calif.

HERD CLASSIFICATION

Classification summaries are reported on 189 herds. The Herd Classification rules require cancellation of certificates of registry of animals classified "Poor". The owner is accorded the privilege of surrendering other certificates for cancellation if he wishes. Such animals are not included in the published summary.

Owner	EX	VG	GP	G	F	TOTAL
Abbott, John B., Bellows Falls, Vt.	0	5	20	9	1	35
Adams, Robert W., Farm 1, Broken Arrow, Okla.	10	36	41	21	1	109
Aloisi, Leo, Northampton, Mass.	0	1	10	6	5	22
Anderson, Reuben E., Spring Grove, Minn.	0	2	5	5	2	14
Aplin, Donald G., Putney, Vt.	0	0	6	16	2	24
Arnott, J. Wheeler, Greenville, W. Va.	0	2	3	9	3	17
Athens State Hospital, Athens, Ohio	0	6	63	51	14	134
Atkinson, Charles H., Wilsonburg, W. Va.	0	0	3	8	1	12
Atkinson, James H., Wilsonburg, W. Va.	0	0	0	1	0	1
Baptist Orphanage of N. C., Thomasville, N. C.	1	1	18	24	5	49
Baxter, Charles Wesley, Fredonia, Pa.	0	3	6	0	0	9
Bowman, Charles P., & Sons, New Alexandria, Pa.	0	2	9	7	1	19
Bowman, G. L., Boones Mill, Va.	0	1	6	11	5	23
Boys Industrial School, Lancaster, Ohio	0	1	13	35	21	70
Broad Rock, St Josephs Abbey, Spencer, Mass.	3	11	45	12	0	71
Brown, Winsor C., White River Jct., Vt.	0	2	16	24	2	44
Bruce, A. H., Northfield, Minn.	1	5	14	4	0	24
Burger, Harry C. M., Seneca, Kans.	1	6	17	2	0	26
Burgeson, T. A., Grandview, Mo.	4	13	18	9	0	44
Cairns, D. N., & Son, Ligonier, Pa.	0	4	11	8	0	23
Carter, C. E., McDonald, Pa.	0	2	18	11	1	32
Christoph, Theodore F., Chilton, Wis.	1	23	44	6	0	74
Clark, Malcolm S., Ashfield, Mass.	0	0	4	11	1	16
Cole, Alice L., Berlin, Mass.	0	1	4	3	1	9
Combs, S. M. & Amos, Lewisburg, W. Va.	1	5	11	5	0	22
Conklin, Albert E., Woodstock, Vt.	0	0	4	10	3	17
Conner, Lester, & Son, Lyons, Kans.	0	4	18	7	1	30
Cons Breeders Coop, Anoka, Minn.	0	12	10	3	0	25
Constantine, Jack, Kent, Wash.	0	10	22	3	0	35
Coughenour, Walter R., King Ferry, N. Y.	0	2	10	13	0	25
Craig, Albert D., Sewickley, Pa.	2	13	9	3	0	27
Crossman, C. E., Nicollet, Minn.	0	3	4	5	3	15
Crowgey, L. J., Wytheville, Va.	1	10	29	8	1	49
Cummings, David C., Guilford College, N. C.	0	7	19	19	2	47
Davenport, Maurice J., Shelburne Falls, Mass.	0	0	4	12	4	20
Divoll, Natt L., Jr., Bellows Falls, Vt.	0	4	21	12	0	37
Dunn, Roger G., Windsor, Vt.	0	0	11	8	0	19
Earnshaw, J. N., Dimock, Pa.	3	12	15	10	1	41
Ekheff, Harold E., Oswego, Kans.	0	1	5	3	3	12
Ellis, John G., Highfield Farm, Lee, Mass.	0	0	12	14	0	26
Elmwood Farms, Lake Forest, Ill.	13	60	33	14	0	120
Erickson, Andy W., Badger, Minn.	0	0	4	1	0	5
Evers, Albert J., Forest Grove, Oreg.	0	5	25	13	4	47
Farnsworth, D. A., Lewisburg, W. Va.	0	1	9	9	5	24
Farrell Farm, Fairlee, Vt.	0	13	28	5	1	47
Fayette Farm Service, Uniontown, Pa.	0	3	6	19	1	29
Filk, H. W., Hutchinson, Minn.	0	2	11	9	2	24
Finch, Doak, Trinity, N. C.	4	9	21	14	1	49
Flora, Newton B., Boones Mill, Va.	0	2	14	5	1	22
Frostholm Holstein Farm, Pine Island, Minn.	0	4	15	13	3	35
Gallipolis State Institution, Gallipolis, Ohio	0	4	38	72	28	142
Gans, H. M., Gans, Pa.	0	12	16	9	1	38
Garst, M. C. & H. W. Craun, Roanoke, Va.	0	4	14	17	0	35
Garwood Farm, Stevens, Pa.	2	5	17	10	2	36
Gaut, John W., Scottdale, Pa.	0	0	13	8	1	22
Gilmore, C. M., Erhard, Minn.	0	0	7	5	2	14
Glidden, Earl, Hallock, Minn.	0	1	6	3	0	10
Globus, Joseph, Rehoboth, Mass.	0	2	9	20	3	34
Goodell, Perry F. & G. H., Thetford, Vt.	0	1	6	6	2	15
Gould, Lydia May, Windsor, Vt.	0	2	7	14	7	20
Grafton State Farm, Grafton, Ohio	1	2	27	52	20	102
Greenwood, Carlton E. & B., Westminster, Vt.	0	3	15	13	5	36
Gremelsbach, Eldon E., Lewiston, Minn.	0	3	23	17	7	50
Gremelsbach, Eldon & Emil, Lewiston, Minn.	0	2	12	15	5	34
Guimond, Arthur C., Fall River, Mass.	0	10	18	33	3	64
Gunn, William H., Southampton, Mass.	0	0	8	17	4	29
Hathaway, B. J. & R. S., Rutland, Vt.	0	7	15	11	0	33
Hege, Edgar J., Oxford, Kans.	0	0	4	4	1	9
Henry, Robert P. & Kerney C., Foley, Minn.	0	1	7	6	0	14
Hewitt, Merritt S., Jr., North Bennington, Vt.	0	3	13	12	0	28
Hicks, C. E., West Alexander, Pa.	0	3	8	2	1	14
Hollins College, Hollins College, Va.	0	7	30	13	0	50
Howe, James K., & Son, Tunbridge, Vt.	1	5	18	3	0	27
Howe, John A., Tunbridge, Vt.	0	4	9	5	0	18
Howe, Mark A., Tunbridge, Vt.	0	2	12	5	0	19
Hull, Wendall C., Enosburg Falls, Vt.	0	2	10	9	2	23
Huntley, T. Llewlyn, South Royalton, Vt.	0	2	12	9	3	26
Hutchinson, W. L., Cecil, Pa.	0	3	7	9	1	20
Isaac, P. J., Meade, Kans.	0	1	16	22	0	39
Iseman Bros., Ford City, Pa.	0	2	14	4	1	21
Jepson Brothers, Owatonna, Minn.	0	3	8	6	2	19
Jergens, A. H., Hutchinson, Minn.	2	15	19	4	0	40
Jergens, A. H. & John, Biscay, Minn.	0	3	5	6	2	16
Johnson, Warner L., Stewartsville, Minn.	0	6	13	6	2	27
Kachelmeier, Anthony, Gibbon, Minn.	0	0	7	5	1	13
King, Frank E., & Son, Mercer, Pa.	0	7	6	9	3	25
Kittredge, F. B., North Andover, Mass.	0	3	11	9	2	25
Knauf & Tesch Co., Chilton, Wis.	2	8	11	7	0	28
Koch, Harry F., Greenfield, Mass.	0	0	6	8	0	14
Kyle, W. D., Jr., Oconomowoc, Wis.	0	18	29	6	0	53
Lamson, Albert W. & Anna W., Hudson, Mass.	0	0	4	9	1	14
Lentz, Norman L., & Sons, Latrobe, Pa.	0	6	18	14	2	40
Lewis, Arthur C., Poultney, Vt.	0	2	19	15	2	38
Lewis, Gardner L., Jr., Norwich, Vt.	1	1	17	8	0	27
Lewis, Guy, Barnesville, Minn.	1	2	4	8	0	15
Libby, Elmer E., North Attleboro, Mass.	0	0	11	9	2	22
Little, Fabian C., Williamstown, Vt.	0	0	4	2	1	7
Lundale Farm, Oak Hill, W. Va.	0	3	20	24	7	54
Mann, James F., Jr., D. V. M., Lewisburg, W. Va.	0	3	6	3	0	12
Marlow, J. C. & John Rabbek, Mankato, Minn.	1	9	19	17	3	49
Marlow, J. C. & C. W. Sonnabend, Mankato, Minn.	0	1	10	10	1	22
Marshall Brothers, Beyer, Pa.	0	3	9	15	2	29
Marshall, Earl L., Home, Pa.	0	0	2	8	1	11
Marti, Oliver, Sleepy Eye, Minn.	0	2	12	15	0	29
Massillon State Hospital, Massillon, Ohio	0	5	28	61	28	122
Maxfield, Leslie E., & Sons, North Hartland, Vt.	0	6	29	25	2	62
McChesney Bros., New Galilee, Pa.	0	2	18	15	0	35
McCreary, Harry A., Cross Creek, Pa.	0	1	8	2	0	11
McKinney, Frank, Elizabeth, Pa.	0	4	9	6	0	19
McNelly, McIntosh, Minn.	0	0	5	8	3	16
Miller, George Edwin, Frazee, Minn.	0	3	7	5	2	17

HERD CLASSIFICATION (contd.)

Owner	EX	VG	GP	G	F	TOTAL
Miller, J. D., Acme, Pa.	1	9	9	5	0	24
Mills Bros., Hutchinson, Minn.	2	3	25	16	0	46
Minnesota State Prison, Stillwater, Minn.	1	9	43	41	10	104
Montgomery, Guy B., Ronceverte, W. Va.	1	5	24	18	2	50
Moore, Mr. & Mrs. Clifford, Tolland, Mass.	0	0	5	13	1	19
Moore, H. B., Estate of, Lewisburg, Va.	1	7	19	8	4	39
Moulton Farms, Charles Town, W. Va.	0	2	7	14	5	28
Moyer, Charles, Chula, Va.	0	1	21	19	8	49
Nesbitt, William W., Hopkins, Minn.	0	1	13	12	7	33
Nichol, Day K., Indiana, Pa.	0	3	16	15	2	36
Norfolk Co. Agr. School, Walpole, Mass.	0	0	3	6	7	16
N. C. School for the Deaf, Morganton, N. C.	0	2	16	10	3	31
Northfield Schools, Inc., E. Northfield, Mass.	0	1	6	31	13	51
Oakes Brothers, Jackson Center, Pa.	0	4	9	5	0	18
Olson, Raymond, Hutchinson, Minn.	0	7	7	8	1	23
Orcutt, W. L. & R. W. D., West Newbury, Mass.	0	0	6	14	5	25
Pagenkopf, Fred W. & E. A., Maple Plain, Minn.	0	0	3	2	0	5
Parshall Farms, Uniontown, Pa.	0	0	10	9	2	21
Pasco, Luke J., Washington, Pa.	0	8	15	8	0	31
Petit, Laurier, Newport, Vt.	0	2	13	25	4	44
Polk State School, Polk, Pa.	0	8	59	85	14	166
Pratt Brothers, North Clarendon, Vt.	0	1	4	10	1	16
Prouty, Homer S., Furnace, Mass.	1	4	19	15	3	42
Reno, Joseph M., Valencia, Pa.	0	0	10	7	2	19
Reynolds, Clifton E., Jeffersonville, Vt.	0	0	7	5	2	14
Richardson, Lester T., Easthampton, Mass.	0	1	5	6	1	13
Ridder Farm, Inc., Whitman, Mass.	0	4	22	26	7	59
Rindahl, Benton, Barnesville, Minn.	0	3	11	2	1	17
Roaring Brook Farm, Bradford, Vt.	0	1	3	2	1	7
Rockwell, Earl D., Union City, Pa.	0	3	11	5	0	19
Root, Harold B., West Middlesex, Pa.	0	0	5	8	1	14
Rosecliff, Farm of The National Forge & Ord. Co., Irvine, Pa.	0	5	16	9	1	31
St. Johns University, Collegeville, Minn.	0	5	27	15	0	47
St. Marys College, Winona, Minn.	2	7	27	21	3	60
St. Vincent Archabbey, Latrobe, Pa.	0	8	22	26	8	64
Schaffer, W. A., Cannon Falls, Minn.	0	1	16	8	2	27
Schultz, Walter A., Nicollet, Minn.	0	1	10	10	0	21
Seitzer, Ed. E., & Son, St. Peter, Minn.	0	3	9	4	0	16
Seybold, Leonard, Forest Junction, Wis.	1	13	14	3	0	31
Silvis Farms, Inc., Greensburg, Pa.	2	13	12	7	0	34
Sletta, Oscar M., Madelia, Minn.	0	2	11	11	1	25
Smith, Elton L., & Sons, Dodge Center, Minn.	1	3	8	7	1	20
Smith, Farnham W., Carlisle, Mass.	3	14	43	10	0	70
Smith, Robert J., Millmont, Pa.	0	1	5	5	1	12
Standafer, Lloyd, Rushmore, Minn.	0	1	8	6	2	17
Starz, Edward C., Pine Island, Minn.	0	4	13	20	0	37
State Hospital at Goldsboro, Goldsboro, N. C.	0	1	17	33	18	69
State School for Blind & Deaf, Raleigh, N. C.	1	1	15	11	4	32
Stevens, George W., Jr., Westfield, Mass.	0	0	11	11	1	23
Stevens, Lyle B., Meadville, Pa.	0	2	12	2	0	16
Stewart Bros., Anoka, Minn.	0	4	15	16	0	35
Strickler, Ivan, Iola, Kans.	0	6	22	8	0	36
Stuart Land & Cattle Co. of Va., Inc., Rosedale, Va.	0	0	20	31	12	63
Terpstra, D., Big Stone Gap, Va.	0	2	24	30	0	56
Terrace Farm, Titusville, Pa.	1	22	29	23	0	75
Thomas, Orin A., & Sons, Inc., Rutland, Vt.	0	3	32	19	0	54
Thornton & Sowry, Springboro, Pa.	0	1	9	11	4	25
Tritt, O. C., Warren, Pa.	0	0	2	0	0	2
Tyler Farms, West Newbury, Vt.	1	2	24	19	0	46
University of Massachusetts, Amherst, Mass.	1	5	9	10	0	25
University of Minnesota, St. Paul 1, Minn.	0	1	22	26	7	56
Vangsness, Kenyon, Minn.	0	1	5	8	0	14
Vangsness, L. D. Kenyon, Minn.	0	0	1	2	0	3
Vermont Agricultural Experiment Station, Burlington, Vt.	0	2	7	34	4	47
Vermont State Hospital, Waterbury, Vt.	0	2	31	36	14	83
Virginia Polytechnic Institute, Blacksburg, Va.	0	10	32	22	1	65
Warner, F. C., Tazewell, Va.	0	6	19	22	8	55
Warner, Vane D., Spring Creek, W. Va.	0	0	8	3	0	11
West, E. P. & O. C., Hadley, Mass.	0	15	32	19	3	69
Westlea Farm, Bridgewater, Mass.	0	9	39	25	0	73
Westmoreland County Home, Greensburg, Pa.	0	1	11	19	8	39
White, W. F., Grove City, Pa.	0	5	11	2	0	18
West Virginia University, Morgantown, W. Va.	1	7	11	3	0	22
Wheeler, John C., Furnace, Mass.	1	3	11	5	0	20
Will, Merrill, Jordan, Minn.	0	0	3	2	0	5
Wing, Amy E., New Marlboro, Mass.	0	2	13	18	3	36
Woodville State Hospital, Woodville, Pa.	0	0	39	60	13	112
Worcester State Hospital, Worcester, Mass.	0	1	7	20	8	36

PROGRESSIVE BREEDERS' REGISTRY

Name and Address	Number Yrs.	Animals Registered	Number Freshened	Bred by Owner	Cows H. T.	Cl.	Milk	Avg. Prod.	Classif. Score
George H. Comings, Bainbridge, N. Y.	9	31	20	20	15	2X	12759	470.8	82.2
Lloyd Shultz, Pretty Prairie, Kans.	9	29	17	17	16	2X	13873	515.9	83.0
Estate of H. B. Moore, Lewisburg, W. Va.	5	61	33	29	24	2X	14659	526.5	82.1
George E. Pardonnet, Corunna, Mich.	5	55	37	36	34	2X	12998	494.1	82.8
Loren R. Hoge, Harmon, Ill.	3	30	20	19	17	2X	14100	506.7	83.0
University of Maine, Orono, Maine	3	52	35	35	31	2X	12177	461.9	81.4
W. D. Kyle, Jr., Oconomowoc, Wis.	2	78	57	54	49	16-3X 33-2X	14165	514.3	83.6
H. C. Briggs & Son, Turner, Maine	1	86	64	50	49	2X	12884	508.5	83.1
Edwin E. Kruse, Loganville, Wis.	1	50	30	30	28	2X	13298	470.5	83.2
Elton Gillett & Son, Rosendale, Wis.	1	35	26	26	23	2X	13470	494.3	82.3
Ed. E. Seitzer & Son, St. Peter, Minn.	1	24	16	16	11	2X	12221	446.0	81.1
Harry A. McCreary, Cross Creek, Pa.	1	13	12	11	11	2X	14602	526.9	82.0

The WORLD *Visible* HERD FILE

is the BEST way to keep track of your A.R., HIR, or DHIA records.

Details from HOLSTEIN-FRIESIAN WORLD, Lacona, N. Y.

The Rahr Malting

Saturday — MAY — 21 AT THE FARM

CHRISTY HOMESTEAD FORERUNNER — SELLING

● Excellent and All-American ●

This Great All-American Sells With His Daughters and Sons

- ★ All-American 2-Yr.-Old - 1952
- ★ Grand Champion Texas Pan-Am. - 1952
- ★ Res. Grand Nat. Dy. Show - 1952
- ★ Member Res. All-Am. Produce - 1954
- ★ Member 1st Prod. 1954 International
- ★ Sire of Res. All-Am. Heifer Calf - 1954
- ★ Full Brother. Res. All-Am. 2-Yr.-Old "Ex"
- ★ Son of Carn. Homestead Highboy - Ex-GM
- ★ Son of a VG, 100,000-lb. Milk Dam

THREE TYPICAL "FORERUNNER" DAUGHTERS SELLING

RAMACO LARK ORMSBY FORERUNNER
Typical daughter

RAMACO CHLOE SUNNY HOMESTEAD
Typical udder

RAMACO FORERUNNER ARTIS
Res. All-Am. Heifer Calf, 1954.

Dispersal

Manitowoc - Wisconsin

65 Registered Holsteins

- ★ 30 Milking Age Females
- ★ 17 Open Heifers & Calves
- ★ 10 Heifers Bred for Fall
- ★ 8 Bulls Including Herd Sires

HIR TESTING AND CLASSIFICATION

1954 - -	14,644 lbs. M.	3.7%	535.8 F.
1953 - -	14,025 lbs. M.	3.7%	510.0 F.
1952 - -	14,218 lbs. M.	3.5%	500.4 F.

12 COWS OVER 500 LBS. FAT
5 COWS OVER 600 LBS. FAT
2 COWS OVER 700 LBS. FAT
2 100,000-LB. MILK COWS

THIS IS ONE OF THE GREATEST PRODUCING HERDS IN WISCONSIN WITH THE BEST IN CARNATION-HOMESTEAD BREEDING

Junior Herd Sire Selling

Carnation Powerhouse

Sire —
Carnation Homestead Revelation—Excellent Silver Medal Production sire

Dam —
Carnation Maybess Princess Inka —
6y 3X 22,119 4% 891.6

Maternal granddam —
Carnation Princess Inka
6y 4X 28,499 4.4% 1245.3
— she has 4 A R daughters from 791 to 1000 F. — member of 1940 All-American Get.

This sire was born May, 1952—his six nearest tested dams average 1054 F., 3.9%.

— Great Bloodlines — Generations Of Breeding —

- These Three Great Families Selling -

ORMSBY BESS SEGIS PRIDE (VG)
365d 5y 2X 20,944 725.6 F.
Gr. Ch. Manitowoc Co. B & W Show

BIRDSEYE DE KOL ORMSBY (VG)
285d 7y 2X 17,818 710.3 F.
6 lact. 100,673 lbs. M.

CARMEN PRIDE BELMONT (VG)
350d 7y 2X 17,108 626.6 F.
7 lact.: 101,648 lbs. M.

Watch for details and pictures of this herd in the next issue of the WORLD.

Write For Catalog To —

PIPER BROS., Sale Managers
WATERTOWN — — WISCONSIN

- BANG'S CERTIFIED
- T. B. ACCREDITED
- CALFHOOD VACCINATED

Maternal Sisters —

NICOLK MARK BEVERLY GERALDINE (GP)

2-3	2X	365d	14053M	4.2%	585F
3-9	2X	290d	13406M	4.2%	560F
4-8	2X	365d	15443M	4.3%	666F
5-10	2X	101d	6990M		290F

(on test)

NICOLK CHIEFTAIN JERRY (GP)

2-1	2X	365d	13332M	3.8%	511F
3-3	2X	120d	7130M		285F

(on test)

Both from "Beverly" GP 120,760M 4.0% life. (still producing). Oldest daughter of "Midnight" 156,416M 3.9% after 5y 7m.

AN OWN DTR. OF MIDNIGHT BY CEYDERMEAD OLLIE CHIEFTAIN VG-GM (maternal sister to Beverly, ¾ sister to Jerry). ONE OF OUR CONSIGNMENTS TO THE BRED HEIFER CLASSIC.

NICHOLAS H. KOLK

Maple Knoll Farm **Goshen, N. Y.**

I Suggest — —

— a son of one of the best proven bulls in Canada. Under the new BCA scoring system he has a plus index on 188 daughters of 2 for milk and 5 for fat, 57% G.P. or better, 147 pairs. The dam of the calf is milking 60 lbs. a day on 2X as a 3-yr-old. She is graded Very Good and is a daughter of Voyageur M. Her dam at 3 yrs. on 2X had 18,090, 3.74%, and 676 fat; the next dam over 100,000 lbs. milk. This December bull is light in color, a splendid individual with good backing of the most popular bloodlines. **Price is $400 delivered and guaranteed.**

DOUGLAS HART

Woodstock, Ontario

Canada's Leading 100,000. 2X Herd

"Where Better Bulls are Bred"

PEERLESS Portable - Stationary **ROLLER MILLS**

CRUMBLE EAR CORN All-Purpose Mill

CRIMPS - CRACKS *Without Dusting*

ALL FEED GRAINS

America's First and Most Popular Portable Roller Mill. 26 Portable and Stationary models. Farm, Feeder, Mill sizes. Big 10 in. diameter Tuf-Cast, chromed rolls crimp or crack grains better, faster with less power. Satisfied users everywhere.

"ALL PURPOSE" for Corn MILLS Crumbles entire ear **without dusting.** Cracks or crimps all grains. Stationary and Portable models. A money-maker for every cattle feeder.

$149.50 UP

FREE LITERATURE— Gives full information, capacities and prices. Write to:

PEERLESS EQUIP. CO., **Dept. T02 Joplin, Mo.**

People

Dr. Victor A. Rice, head of the Department of Animal Husbandry at the University of Massachusetts since 1930 and for 20 years from 1930 to 1950 Dean of its School of Agriculture, will retire on August 31. A testimonial banquet was given in his honor at the Hotel Bancroft in Worcester, Mass. on April 6.

A native of Cleveland, O., Professor Rice graduated from North Carolina State College in 1916 and that same year joined the staff of the University of Massachusetts. He received his Master's degree at Massachusetts Agricultural College in 1923 and was awarded an honorary Doctor of Agriculture degree by North Carolina State College in 1946.

Dr. Rice has authored several books in the field of animal husbandry, including such popular titles as "Breeding and Improvement of Farm Animals" and "Breeding Better Livestock" that are standard textbooks in this field. A popular and dynamic speaker, he has appeared before many Holstein audiences and has been a frequent contributor to the HOLSTEIN - FRIESIAN WORLD and other farm periodicals and technical journals. We suspect that, like Herb Kildee, he may be busier than ever, after his retirement.

Since writing the above we learned from Dr. Rice that following the completion of his work at the University of Massachusetts this summer he will return to his Alma Mater and serve as Dean of Instruction in the School of Agriculture at North Carolina State College.

Professor George W. Trimberger of Cornell University has accepted an invitation to judge the Holstein show at the National Dairy Cattle Congress in October. This invitation follows the recommendation of the Board of Directors. Trimberger is an old hand at judging other breeds at Waterloo and was the Holstein judge at the International last year.

Robert J. Howard, former popular fieldman of the Holstein-Friesian Association of America and more recently Director of Sales for Curtiss Candy Company Improved Stud Service, has joined the staff of Hales & Hunter Co. as Assistant to the Manager of the Dairy Department. This company manufactures well known Pioneer dairy feeds and Red Comb poultry feeds.

A native of Iowa, Bob is a graduate of Iowa State College and was in County Agent work both before and after his World War II service and it was from this position in Illinois that he joined the Holstein Extension field staff. His many friends in the Holstein industry will wish him success in his new connection.

R. DeWitt Mallary of Mallary Farm, Bradford, Vermont, has been appointed by Governor Johnson as a member of the New England Governor's Committee to study transportation problems. The committee will study transportation, including rail, air, road and water systems.

Natt L. Divoll of Divoll Homestead, Bellows Falls, Vt., has been elected Judge of the Superior Court of the state of Vermont. Congratulations.

OBITUARY

PAUL McNISH

Paul H. McNish, Middlefield O. died on February 28 from a sudden heart attack. He was 76 years old and had been a wheel horse in the Holstein industry of Ohio for many years. He joined the Holstein-Friesian Association of America in 1907 and was regularly elected as one of Ohio's delegation to the National Conventions. In recent years he had been one of the oldest members present as revealed by the roll call.

He was a charter member of the Ohio Holstein-Friesian Association, and was its Vice President and member of the Executive Committee from 1926 to 1932. He took great interest in Ohio agriculture and was at one time Master of the Ohio State Grange and was the first president of the reorganized Ohio Dairyman's Association. He was also active in the affairs of the Geauga County Holstein Club and had appeared on the program at his county Holstein banquet only a few weeks before his passing. He will be greatly missed.

DR. BENJAMIN STUDER

Dr. Benjamin Studer, Orrville, Ohio, died February 17, from a heart attack suffered while he was out on a call. Dr. Studer was the first secretary of the Ohio Holstein-Friesian Association and served in that capacity and on its Executive Committee until 1949 when he concluded 27 years of service. He was an able veterinarian and will be missed in that field as well as in his Holstein organization associations. Dr. Studer was a charter member of the Ohio Holstein-Friesian Association. He joined the Holstein-Friesian Association of America in 1918 but he never became active in that field because of the duties of his profession to which he was ever faithful.

Carleton Dean FARM

FOWLERVILLE, MICHIGAN

Complete Dispersal

Mon., May 9, Fowlerville, Mich.

Machinery 10:00 a. m. — Cattle 1:00 p. m.

58 REGISTERED HOLSTEINS

Rich in Coffeydale — Rainbow Bloodlines

5 Dtrs. Selling

RAINBOW CAPTAIN BOLD (VG)
One of the breed's greatest proven sires.. His 5 daughters selling average 607 lbs. fat on 2X!

There have been Holsteins on this farm for 50 years—always near the top in production—and linebred for many years to the Sir Bess Ormsby Fobes 56 line. Vaccinated, negative and all tested within 30 days.

8 daughters of Rainbow Sir Bess Rose Segis with records averaging 615 lbs. fat on 2X.

14 daughters or Carldean Coffeydale Ormsby whose dams have records up to 700 lbs. fat on 2X. 7 year herd average is over 450 lbs. on 2X. Herd includes 18 outstanding open heifers.

A top-bred herd sire selling—CARLDEAN SUNSHINE ORMSBY, son of Rainbow Sunshine, he by Captain Bold 12th VG and out of an 815-lb. 2X 4-year-old.

Complete line of modern farm equipment sells previous to cattle sale. At the farm, ¾ mile north of Fowlerville, which is on US 16 between Lansing and Detroit. Lunch served. Sale under cover.

Holsteins for 50 Years — Always Near the Top in Production

For Catalog Write: **Glenn Casey, Sale Mgr. — Auct., Williamston, Mich.**

George Gronso Holstein Dispersal

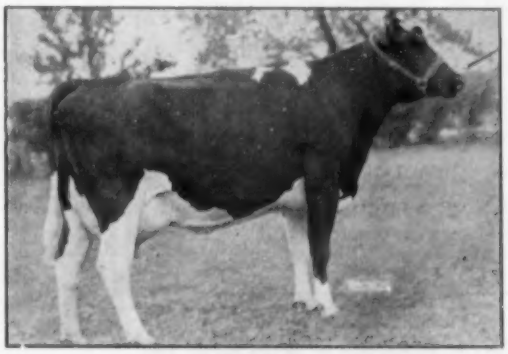
Monday, May 2 — Hesperia, Michigan

12:30 P. M. at the farm, ¼ mile east of Hesperia, 48 miles north of Grand Rapids. Sale Under Cover

52 Registered Holsteins

Vaccinated — Negative — Tested Within 30 Days

Son Selling with 11 Daughters



ILEANA ORMSBY DYNJO (VG)

7½y	365d	3X	25184	3.7	926
3½y	365d	2X	21165	3.4	727

(Illinois State Champion)

Featuring the outstanding 3-year-old herd sire, Arbeth Hickory Creek Admiral, out of the great dam pictured, and sired by Milkman Bonny Prince (by Willow Springs Crescent Prince from the Excellent 849-lb. Milkmaid Bonny Virginia). Sells with 11 daughters. Big. Good Type.

Nine granddaughters of PABST SIGNAL sell. Five have completed 2-year-old records averaging 453 lbs. fat, 2X. Seven granddaughters of Carnation Ringleader.

Last year's herd average was 441 lbs. fat—all 2 and 3-year-olds except two! One of Michigan's finest farmer-breeder herds! Don't miss it.

GLENN CASEY

Sale Mgr.—Auctioneer

WILLIAMSTON MICHIGAN

to the National Convention Sale . . .

CARNATION SKYLARK QUEEN MADCAP

3412535 — Born Oct. 18, 1949

4 y 3 m 365 d 2 X 19,467 m. 4.5% 878.9 f. A R

(Pennsylvania State Champion)

3 y 2 m 304 d 2 X 14,756 m. 4.2% 613.6 f. A R

2 y 2 m 305 d 2 X 13,607 m. 4.2% 567.1 f. A R

★ Highest record 2 X daughter of Revelation

★ For 7 direct generations — nothing but "Madcaps"

A daughter of Carnation Homestead Revelation (Ex-SMP) and Carnation Queen Perfection Madcap, 694-lb. 4.5% 2X 2-year-old daughter of Carnation Ringleader. The next dam has 883.9 lbs. fat, her dam with 1054.3 and her dam with 1209 lbs. fat!

Her 878.9-lb. record is believed to be 3rd in the U.S. for her age and class. She will be just fresh at sale time.

Her Son - -

CLOVER KNOLL MADCAP GOVERNOR

Born Feb. 2, 1954

Sire: Carnation Progressor Governor (V G)

A son of HALLROSE PROGRESSOR (EX-GM) and our own Pennsylvania State Champion, CARNATION HOMESTEAD HEILO SPOFF, with:

*5y	365d	2X	24,875 m.	4.1%	1029.8 f.
6½y	365d	2X	21,278 m.	4.0%	851.8 f.
*3½y	365d	2X	20,167 m.	3.8%	775.9 f.
*2½y	365d	2X	16,658 m.	4.0%	671.3 f.

* Pennsylvania State Records

Daughter of Governor of Carnation and Carnation Heilo Spofford (1067.1 fat, 4.1%), she has full sisters with 1108 and 916 lbs. fat.

CARNATION HOMESTEAD HEILO SPOFF IS THE HIGHEST RECORD 2X DAUGHTER OF GOVERNOR!

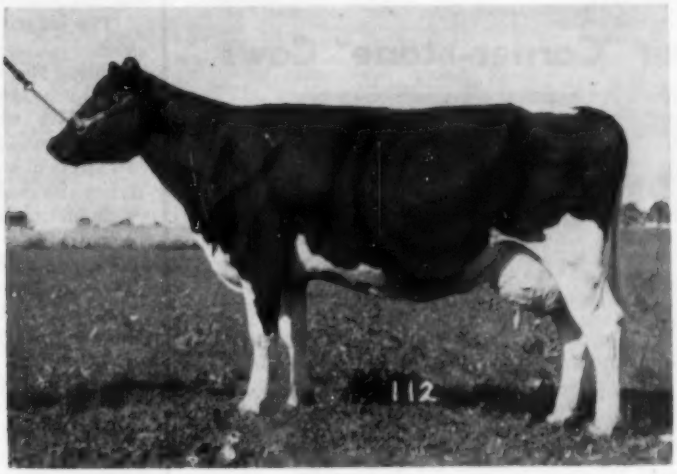
— WATCH FOR MORE DETAILS —

In the remaining issues of the **World** before the Convention will be further details and pictures concerning this great mother and son combination. The son has a full sister who in the first full month of her first lactation made 2403 lbs. milk on 2X!

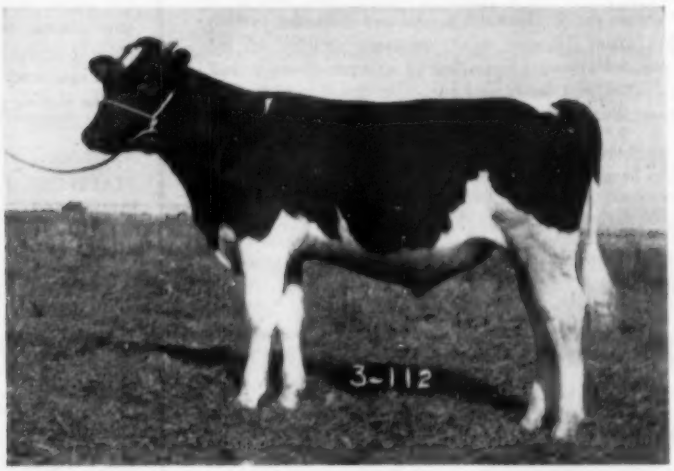
You are cordially invited to visit Clover Knoll . . .

. . . Before, after, or during the Convention

This Pennsylvania State Champion



And Her Son Goes With Her



CLOVER KNOLL FARMS

NEWTOWN, BUCKS COUNTY, PENNSYLVANIA

MR. AND MRS. WM. P. MUSSELMAN
Owners

BERNARD COURTNEY
General Manager

RICHARD MACNAMARA
Herdsman

The Jonabell Herd

The Utmost in Quality Holsteins

One of Our "Corner-stone" Cows

BELLEVUE ORMSBY FIRST LADY
"Excellent" daughter of Ormsby Sensation 45th (GM)
—dam of 5 sons and an "Excellent" 933-lb. daughter.

Her Son, Jonabell Knight - - -

By Dunloggin Deubler (our foundation sire) Knight has an interesting history. He was herd sire for W. S. Moscrip's North Star herd, selling in that Dispersal for $1375 to Stuckman & Magnus, Albion, Ind., and at 11 years of age is now in service for Stuckman Brothers and Rolandes Liechty, Berne, Ind. Mr. Liechty writes, *"Knight stands unusually well on his legs for a bull of his age and his appearance is that of a much younger bull. Stuckman Bros. have classified just lately and the eight daughters classified, 4 Very Good and 4 Good Plus, with an average score of 84.6."*

Knight is the sire of Jonabell Assault (Gold Medal), former herd sire for T. J. Frizzell's Peachblow Farm, Charlestown, N. H., and is sire also of J. O. Canby's Jonabell Tanya, dam of Howard B. Weiss' twice Grand Champion Bull at the Pennsylvania Farm Show.

Knight's maternal brother is Jonabell Ormsby Sensation (VG), Albert B. Craig's Gold Medal Sire.

JOHN A. BELL, Jr.

Oliver Bldg. **Pittsburgh, Pa.**

Jonabell is located near Sewickley, Pa.

DEPENDABLE SALES

We have had 35 years' experience in the selling of purebred Holsteins. We specialize in dispersal sales of the highest quality. Confidence of the buying public . . . orders, or bids in advance of the sale . . . fair dealing and our sales force make it possible for us to handle the many details in a satisfactory way to both buyer and seller. You will be interested in the largest net return. Tell us your problem.

WRITE OR CALL

W. L. BAIRD — or — **FRANCIS DARCEY**

Waukesha, Wis. **Watertown, Wis.**

ZERO PASTURE

(Continued from page 25)

produced on 2100 lbs. less grain during the summer months of 1954 as compared to 1953. It must be remembered that the cows were on the average one month closer to the previous calving during 1954.

The biggest advantage to Zero Pasture, as I see it, is the possibility of reducing the acreage needed to carry a herd by reducing the amount of waste. We will probably see an increase in the use of such a program on farms that are limited in size or on farms that wish to expand their herd without expanding their existing acreage.

Labor requirements are higher for a Zero Pasture Program but this is partially offset by the elimination of the labor required for clipping and fencing.

It takes a sound management program to keep on top of any pasture program. Zero Pasture will not carry itself. There is a great deal of thought and planning needed to keep the program working right.

Zero Pasture is not the complete answer to pasture management problems. It will be a sound program under some operations and uneconomical under others. Any dairyman thinking about turning to Zero Pasture should consider very carefully all angles involved.

The author is manager of the Beacon Dairy Research Farm, at Cayuga, N. Y.

HALDANE FARM DEVELOPS JUG BUSINESS

Hal Dane, who with his son John operates the Haldane Farm Dairy, Iowa City, Iowa, sends us clippings of two recent ads they have carried in their local papers regarding the availability of their fresh pasteurized milk, pasteurized skim milk, fresh pasteurized cream, fresh premium butter, cottage cheese and Grade A and extra large eggs, etc. Very effective small ads.

Commenting on the activity Mr. Dane writes: "There seems to be an old saying "The Lord helps them that help themselves". Getting disgusted with treatment the "handlers" give the producers and especially during the past 1 or 1½ years, we decided last spring to "go it alone". So we did some remodeling and spent some money for equipment and the enclosed ads tell the story. An 8 x 10 walk in cooler keeps the jugs cold after filling. We got the idea from Mr. Lawson of Akron, Ohio. All credit to him."

CALENDAR OF SALES

Apr. 20 Harrington, Del., (Fairgrounds) 6th Harrington Heifer Classic, Managed by H. C. Barker, Frederick, Md.

Apr. 21 Orange, Va., Annual Spring Bred Heifer Sale Virginia Holstein-Friesian Ass'n.

Apr. 21 Lancaster, Pa., 147th Garden Spot Sale, Managed by R. Austin Backus Inc., Mexico, N. Y.

Apr. 22 Doylstown, Pa. Southeastern Penn. Breeders Sale, Managed by R. Austin Backus Inc., Mexico, N. Y.

Apr. 23 Williamston, Mich., Wolverine Holstein Heifer Sale, C. B. Smith, Williamston, Mich., Sale Mgr.

Apr. 25 Spokane, Wash., Washington State Holstein Bred Heifer Sale, sponsored by Washington State Holstein Ass'n.,; managed by R. E. Everly, 616 New World Life Bldg., Seattle 4, Wash.

Apr. 26 Tunkhannock, Pa. 9th Northeastern Breeders Sale Managed by R. Austin Backus Inc., Mexico, N. Y.

Apr. 27 Hartland, Vt., Twin State Sale, Managed by the Vermont-New Hampshire Holstein-Friesian Ass'n.

Apr. 28 Russellville, Ark., Arkanas All-Breed Calf Sale.

Apr. 28 Bedford, Pa., Central Pennsylvania Sale, Managed by R. Austin Backus Inc., Mexico, N. Y.

Apr. 29 Springfield, Mass., Bred Heifer Classic, Wm. W. Pearl, Sale Chairman, R-1, Hampton, Conn.

Apr. 30 Spokane, Wash., (Fairgrounds) Hazelwood Homecoming Classic, Managed by R. E. Everly, 616 New World Life Bldg., Seattle 4, Wash.

Apr. 30 Warren, Ohio, Earl Brainard Dispersal, Managed by C. B. Smith, Williamston, Mich.

Apr. 30 St. Charles, Ill. Fox River Valley Livestock Center, Illinois State Spring Sale.

Apr. 30 Lincoln, Nebr., (Fairgrounds) Purebred Dairy Calf Sale (4-H).

May 1 Woodstock, Ont., Oxford Holstein Breeder's Annual Spring Sale, J. Bruce Amos, Woodstock, Ont.

May 2 Cazenovia, N. Y., Little Brook Farms Annual Heifer Sale, Managed by R. Austin Backus Inc., Mexico, N. Y.

May 2 Hesperia, Mich., George Gronso Dispersal, managed by Glenn Casey, Williamston, Mich.

May 4-5 Earlville, N. Y., 311th Earlville Sale. Managed by R. Austin Backus Inc., Mexico, N. Y.

May 6 Filer, Idaho, Idaho State Holstein Sale, managed by R. E. Everly, 616 New World Life Bldg., Seattle 4, Wash.

May 7 Plymouth, Wis., Sheboygan County Annual Spring Consignment Sale, Al Buchholz, Sec'y, Plymouth, Wis.

May 7 Murray, Utah, (Fairgrounds) Utah State Foundation Heifer Sale. Managed by Willis Whitbeck, 5770 S. Redwood Rd., Murray, Utah.

May 9 Fowlerville, Mich., Carleton Dean Farm Dispersal, managed by Glenn Casey, Williamston, Mich.

May 10 Watertown, Wis., The Wisconsin Breeders Sale, Managed by Baird & Darcey, Watertown, Wis.

May 11 Waukesha, Wis., Sales Pavilion, John MacNeil Dispersal, Managed by Baird & Darcey, Waukesha, Wis.

May 12, Frederick, Md. 29th Annual Consignment Sale, Frederick County Holstein Assn., managed by J. Homer Remsberg, Middletown, Md.

May 14 Baton Rouge, La., Louisiana State Holstein Sale, Managed by Louisiana State Holstein Ass'n. and Piper Bros., Watertown, Wis.

May 14 Factoryville, Pa. Joseph Carpenter Disp., R. Austin Backus, Inc., Sale Mgr., Mexico, N. Y.

May 14 New Marlborough, Mass., Clayton Farms Inc., 35 head, Managed by W. A. Baker, Exeter, N. H.

May 14 Williamston, Mich., 106th Wolverine Sale, Managed by C. B. Smith.

May 16 Oakville, Ont., Canadian National Holstein Sale, Managed by Hays Farms Ltd., Oakville, Ont.

May 16-17 Auburn, N. Y. The Wait Farms Dispersal. Managed by R. Austin Backus, Inc., Mexico, N. Y.

May 17 Oakville, Ont., Rogasborne Dispersal, owned by Osborne Sager; Managed by Hays Farms Limited, Oakville, Ont.

May 19 Lancaster, Pa., 148th Garden Spot Sale, Managed by R. Austin Backus Inc., Mexico, N. Y.

May 21 Brighton, Colo., 26th Annual Calf Sale, Sponsored by Holstein-Friesian Ass'n, of Colorado

May 23 Owatonna, Minn., Annual Minnesota State Sale, Robert Freeman, Sec'y, 932 Goodrich, St. Paul 5, Minn.

May 23-24 Wauwatosa, Wis., Milwaukee County Institutions Dispersal, Managed by Baird & Darcey, Watertown, Wis.

May 1?-17 Portland, Ore., (Pacific International Bldg.) Far Hills Dispersal. Managed by R. E. Everly, 616 New World Life Bldg., Seattle 4, Wash.

May 25 Juneau, Wis., The Arthur Volkman Dispersal. Managed by Baird & Darcey, Watertown, Wis.

May 30 Woodstock, Ont. (McKenzie Sale Arena) Ontario Holstein Spring Special, Managed by H. S. Tufgar, Ancaster, and Alex MacKenzie, Woodstock, Ont.

June 2 Harrisburg, Pa., National Convention Sale, Managed by R. Austin Backus Inc., Mexico, N. Y.

June 3-4 Jamesburg, N. J., Forsgate Farms Inc. Dispersal, Managed by Hays Farms Limited, Oakville, Ont.

June 8-9 Earlville, N. Y., 312th Earlville and Super-Duper Sale, Managed by R. Austin Backus Inc., Mexico, N. Y.

June 11 Williamston, Mich., 107th Wolverine Sale, Managed by C. B. Smith.

June 13 St. Hyacinthe, Que., Brown Corporation Dispersal, Managed by Hays Farms Limited, Oakville, Ont.

June 18 Gaithersburg, Md. 2d Annual Irvington Farms Bred Heifer Sale, Irvington Farms, Sale Mgr., Gaithersburg, Md.

July 11 Sanford, Maine, Shaw's Dauntless-Dunloggin Sale, Managed by W. A. Baker, Exeter, N. H.

Aug. 22 Brantford, Ont., Oak Park Farms Dispersal, Managed by Hays Farms Limited, Oakville, Ont.

Aug. 24 Trenton, N. J., (Fairgrounds) New Jersey State Sale, Managed by R. Austin Backus, Inc., Mexico, N. Y.

Sept. 10 Madison, Wis. (Dane County Fairgrounds) Southern Wisconsin Holstein Breeders Bred Heifer Sale.

Sept. 16 Elkhorn, Wis. Elkhorn Spring Sale, sponsored by Walworth County Holstein Breeder's Ass'n., Roy Phipps, Mgr.

Sept. 17 Huron, S. D., Oviatt Farms Dispersal, Managed by C. B. Smith, Williamston, Mich.

Sept. 28 Sioux Falls, S. D., 10th Annual South Dakota State Sale, R. A. Cave, Sec'y, Brookings, S. D.

Oct. 1 Tulare, Calif., California Holstein Classic.

Oct. 3 Mount Vernon, Wash., 15th Annual Evergreen Dairy Classic, sponsored by Washington State Holstein Ass'n.,; managed by R. E. Everly, 616 New World Life Bldg., Seattle 4, Wash.

Oct. 5 Stoughton, Wis., Fairgrounds, Dane County 4-H-FFA & Holstein Breeders Blue Ribbon Heifer & Bull Sale.

Oct. 8 Rochester, Minn., Olmstead County Holstein Breeders 10th Annual Sale, Gordon E. Johnson, Sec'y, Rochester, Minn.

Oct. 17 Trafalgar, Ont., (Hays Sales Arena) All-Canadian Holstein Sale, Managed by Hays Farms Ltd., Oakville, Ont.

Oct. 18 Trafalgar, Ont., (Hays Sales Arena) 5th Annual Maple Unit Sale, Managed by Hays Farms Ltd., Oakville, Ont.

Oct. 19 Herington, Kansas, Kansas State Sale, Leo H. Hostetler, Harper, Kansas, Chairman Sale Committee.

Oct. Chicago, Ill., International Holstein Sale, Managed by Baird & Darcey, Waukesha and Watertown, Wis., and R. E. Everly, Co-Manager.

Nov. 5 Chilton, Wis., 13th Annual Calumet "400" Foundation Sale, Managed by Leonard Seybold, Forest Junction, Wis.

Nov. 7 Waukesha, Wis., U. S. National Blue Ribbon Sale, Managed by W. L. Baird, Waukesha and Francis Darcey, Watertown, Wis.

Nov. 8 Watertown, Wis., U. S. National Blue Ribbon Sale, Managed by W. L. Baird, Waukesha and Francis Darcey, Watertown, Wis.

Nov. 17 Toronto, Ont., (Royal Winter Fair) Third Holstein Sale of Stars, Managed by Hays Farms Ltd., Oakville, Ont.

Nov. 22 Trafalgar, Ont., (Hays Sales Arena) 4th Annual Rosafe Sale, Managed by Hays Farms Ltd., Oakville, Ont.

COMING EVENTS

May 7 Boystown, Nebr., State B & W Show (Nebraska District shows on 4 days preceding).

May 19 Northwest Arkansas Holstein Field Day, H. T. Brady Farm.

May 20 Central Arkansas Holstein Field Day, State Farm, North Little Rock.

May 20 Brighton, Colo., Annual Black & White Show, Eugene Halbach, Judge, Bristol, Wis.

May 20-21 Richmond, Utah, Black & White Dairy Cattle Show.

May 28 Tyler, Minn., Southwest Minnesota Ass'n Black & White Show, Clement C. Chase, Sec'y.

May 30-June 2 Philadelphia, Pa., 70th Annual Meeting The Holstein-Friesian Association of America, Hotel Benjamin Franklin.

June 21-23 East Lansing, Mich., 50th Annual Meeting, American Dairy Science Association, at Michigan State College.

July 14 Evansville, Wis. Tri-County B & W Show, (Dane-Rock Green) Harvey Swartz, Judge.

Aug. 15-16-17 Pennsylvania State Assn. tour to Brattleboro, Vt.

Aug. 23 Trenton, N. J., New Jersey State Black & White Show

Sept. 23 Harrisburg (Farm Show Arena), Pennsylvania State B & W Show, George Rutt, chairman.

Nov. 17-18 Greensburg, Pa. (Mountain View Hotel), Pennsylvania Assn. Annual Meeting.

Southeastern Penna. Artificial Breeding Cooperative has recently acquired from Charles Lownes, Newtown, Pa. the six and one-half year old proven sire Mapleben Dean King Posch. David Yoder, Manager of the Cooperative, states that the proof on the bull shows 15 daughters averaging 12,339 lbs. milk, 4.05% 500 lbs. fat which is an increase of 725 lbs. milk and 58 lbs. fat. The bull was bred by Isaac Yates, Newtown, Pa., and was sired by the Excellent Wimbledon Dean Fobes Rag Apple. The dam is VG daughter of Lauxmont Admiral Lucifer with four consecutive records over 700 lbs. fat. The Lucifer bull is the dean of the S. P. A. B. C. stud as he is now approaching seventeen years of age and is in his eleventh year of active service in this stud.

"Ideal" Type and "Ideal" Production from

Westwind Travelon Highline Ideal — Our Proven Silver Medal Type Sire

His sire is Newmont Traveller, the son of Trixy Ormsby Beets (former World Champion) and his dam is a good record daughter of Marathon Ormsby Amos.

Actual Records of His 6 Oldest Daughters

DIANA	6 yr	2X	333d	19,080 milk	683 fat
HELEN	5 yr	2X	323d	15,760 milk	610 fat
IRENE	5 yr	2X	328d	15,750 milk	596 fat
LINDA	4 yr	2X	305d	16,320 milk	591 fat
NANCY	6 yr	2X	325d	15,920 milk	632 fat
SALLY	5 yr	2X	312d	15,990 milk	625 fat
CLARA	5 yr	2X	312d	14,120 milk	508 fat

★

A Good Proof

Comparison on 12 DHIA pairs

Daus. ave.	13,062	3.8%	491
Dams Ave.	13,177	3.5%	462
	−115	+.3%	+29

IDEAL is siring **ideal** type and **ideal** production.

★

Doreigh Farm ◆ Fred N. Dorn ◆ North Chatham, N. Y.

acc. — cert.

FIRST QUARTER BUSINESS

Applications for registry received at Brattleboro during the first quarter totaled 72,382, which compares with 72,511 in the record-breaking 1954 year and 65,948 in the same period of 1953.

Transfer applications made a nice gain in March so that the 1955 first quarter now stands ahead of 1954 and well ahead of the 1953 period. The total was 33,131 currently as again 33,071 last year and 30,515 in the 1953 period.

Membership applications which have been running somewhat behind both of the two previous years, during the first two months made a nice gain over either of the previous years in the month of March. The total for the three months is 492 as compared with 563 in the corresponding period last year.

In the matter of certificates issued, the office has maintained a high pace of 60,541 in the three months for registries and 29,610 transfers. These compare with 56,981 registries and 28,153 transfers issued in the same period of 1954. The backlog is normally permitted to expand somewhat during these most active months for filing applications, in order to level out the work of the office through the year.

PROGRESS AT LAWARA

Lew Bell, Interlaken, New York, now lists three Excellent, 15 Very Good, and 18 Good Plus animals in his Lawara milking herd. This adds up to an average of 84 points for 36 head. The most recent records of these cows include five over 700 and up to 780 lbs. of fat on 2X milking. Two others have made over 600 lbs. and 11 over 500 lbs. Now going into service at Lawara is Harden Farms Duke Mark, promising young son of Pabst Reburke Duke, Harden Farms' junior herd sire, out of the Excellent Harden Farms Deen Crystal with 31,949 lbs. milk and 1103 lbs. fat at 5-8 and 32,354 lbs. milk and 1102 lbs. fat at 7-0.

Must be spring all right, a fellow on the bus said, "I've seen my first robin and sinus specialist."

FOR GOOD FOUNDATION STOCK . . .

APRIL 30 — ST. CHARLES, ILL.

Purchase these Heifers in the Illinois State Sale

Our Herd Sire

WALKWAY CHIEFTAIN VICEROY (VG)

A son of Model Bessie Montvic Chieftain out of Rag Apple Sylvius Bonheur (VG—6 records average over 500 fat).

THREE NICE HEIFERS TO FRESHEN SOON

One is from the Junior Champion at the Southern Illinois Show with records of 12,326 milk, 504 fat in 332 days.

From a herd of 100% home-bred animals, winner of the Progressive Breeder's Award for six consecutive years with 12,729 milk, 543.3 fat and a classification score of 83.3.

A Few 4-H Heifers For Sale

BORDER COLLIE PUPS from imported dog for sale. Registered in the North American Sheep Dog Society.

Several Registered Corriedale Ewes for sale. Good 4-H projects.

WALKWAY FARM — FOSTER WALK — Neoga, Illinois

PBR 1949-50-51-52-53-54

Accredited and Certified

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Complete Sale Service
Specializing in Herd Dispersals

PAUL E. SANGER
Manager

GLEN SANGER
Asst. Manager

Lebanon, Pennsylvania
PHONE 2-3686

This Is "Phoebe's" Story . . .

"PHOEBE" (VG)
(Fobes Mechthilde Ollie)
More than half our herd is now descended from this great cow through her eight sons and daughters. Note that she is still going strong!

2-0	306	2X	9150	3.6	334
3-0	324	2X	12475	3.5	434
4-0	358	2X	16281	3.5	565
5-2	365	2X	19260	3.2	619
6-5	324	2X	18450	3.4	621
7-6	365	2X	23019	3.4	771
8-8	365	2X	25047	3.4	851
10-1	365	2X	20092	3.8	768
(1st 8 lactations: 152,000)					
11-8	148	2X	11510	3.6	412
(To April 6)					

We think this a convincing demonstration of the value of type! Only a big, strong, soundly built cow like PHOEBE could do it!

BARTLETT FARM

BOX 59, RT. 5, OSHKOSH, WIS.
JOHN AND KATHRYN BARTLETT - HAROLD LIENHART, Herdsman

1955 CLASSIFICATION SCHEDULE

DISTRICT	FIELDMAN	STARTING DATE	DEADLINE DATE
N.E. Penna	Nesbitt	Apr. 5	Mar. 5
Western Ohio	Hadley & Nichols	Apr. 5	Mar. 5
Mont.-Idaho-Utah	Blosser	Apr. 5	Mar. 5
Eastern Mich.	Miller	May 3	Apr. 3
N. & S. Dak.	Stewart	May 3	Apr. 3
Mich. Institutions	Miller	June 7	May 7
Conn.-R. I.-N. J.	Crissey	June 7	May 7
Central Penna.	Nesbitt	July 12	June 12
South	Cain	Aug. 9	July 9
Colo.-Wyo.	Blosser	July 12	June 12
Northern Calif.	Strickler	Oct. 4	Sept. 4
Southern Wis.	Brace	Sept. 6	Aug. 6
Ariz.-N. Mex.	Skogman & Strickler	Oct. 25	Sept. 25
Ind.	Miller	Oct. 11	Sept. 11
S. E. Penna.	Nesbitt	Oct. 25	Sept. 25
Iowa	Burgeson	Sept. 6	Aug. 6
Nebr.	Stewart	Oct. 25	Sept. 25
Mo.-Ark.	Skogman	Nov. 8	Oct. 8
Western N. Y.	Brown	Nov. 8	Oct. 8
Maine-N. H.	Crissey	Dec. 6	Nov. 6
Eastern Ohio	Hadley & Nichols	Dec. 6	Nov. 6

28 Classification Districts — 27 District Programs in 1955
36 Weeks Scheduled Program

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T. A. Burgeson, Jr., 405 Longwood, Rockford, Ill.
Dean T. Skogman, 1020 North Old Manor, Wichita, Kans.
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Thomas B. Bentley, R. D. 2, Box 121, Salem, Virginia
George Blosser, Box 355, East D Street R-1, Moscow, Idaho

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Wm. J. Baldwin, Ass't Sec'y, N. Y. Holstein-Friesian Ass'n, 121 E. Seneca St., Ithaca, N. Y.
I. D. Hadley, Ohio Holstein-Friesian Ass'n, Wooster, Ohio
Geo. Nichols, Ohio Holstein-Friesian Ass'n, Wooster, Ohio
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Arthur W. Nesbitt, Sec'y-Fieldman, Pennsylvania Holstein Ass'n, 517 South Garner Street, State College, Pa.

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JANSENWYCK
Farms
Certified ··· Accredited
Always on the Honor Roll
HILLSDALE
NEW YORK

SMILES

The second floor tenant called the party below and shouted: "If you don't stop playing that blasted saxaphone, I'll to crazy."

"I guess it's too late," came the reply, "I stopped an hour ago."

• • •

After waiting for what seemed hours, the customer buttonholed the head waiter. Said he: "Just as a matter of curiosity, did the waiter who took my order leave any family?"

• • •

A motion picture executive frequently pointed out to his aides the sign on his wall which bore the one-word admonition: "Think." One morning he came to work to find this penciled alternative: "Or thwim."

• • •

Etiquette

Cannibal mother (reproving her son): "How many times must I tell you not to talk with someone in your mouth?"

• • •

Tourist

Customer: "What's the charge for this battery?"

Garage Man: "One and one-half volts."

Customer: "How much is that in American money?"

• • •

Worth A Try

A campaigning senator is reported as confessing, apologetically, to his audience: "I was born over a drug store. On account of the labor and lumber shortage the year I was born, only a few wealthy Republicans could afford log cabins."

• • •

Lament

The United Nations World recently reported this excerpt from a speech by a lady member of Britain's Parliament deploring the statistics on maternal and infant mortality in childbirth:

"Mr. Speaker, sir, we have prenatal treatment and postnatal treatment, and still we have these appalling figures!"

• • •

Right and Wrong

Here lies the body of Jonathan Gay;
He died maintaining his right of way.
He was right, dead right, as he sped
along.
But he's just as dead as if he'd been
wrong.

• • •

True Today

To get into the best society nowadays, one has either to feed people, amuse people, or shock people.— Oscar Wilde.

Forsgate Farms

These Letters Speak For Themselves . . .

March 28th, 1955

Mr. T. E. Hays,
Vice President
Hays Farms Limited
Box 64, Oakville,
Ontario, Canada

Dear Tom,

I want to take this opportunity to acknowledge your letter of March 15th in regard to the Forsgate Dispersal.

As you know during the past few years the Forsgate Herd has become one of the leading contenders for top honours at many of our State and National shows. Hand in hand with its ascendancy in the show ring, has gone the production of the herd and many of its individual members. Such cows as Leda Inka DeKol, Forsgate Beaver Pabst, Marshline Star Velvet, Forsgate Noble Vida, Smithland Miss Cherry and many others, have made records from 1000 lbs. of butterfat to 1178 lbs. The herd average in 1952 of 13,357 of milk and 514 lbs. of fat was second highest in the United States for its classification. In 1953, 117 cows averaged 14,621 of milk and 564 of fat.

Mr. Abeel spared no expense when assembling many of the top cows in this herd. Such Excellent cows as Silver Hill Burke Netherland, Woody Glen Queen Maizie, Fran Lee Lass, Inka Carnation Midnight, Goldie Supreme Posch and Ocapok Fayne Toitilla Pabst, are seldom available at any price. I feel that cows of this type will make a valuable addition to any herd whether large or small.

The herd sires in the sale are worthy of the consideration of any individual breeder or artifical breeding unit. The son of Quality Fobes Abbekerk Gay, Osborndale Gay Sir Oliver, shows a very high proving index and is siring daughters that are extremely dairy-like, they are completing excellent records. The young daughters of Browns Master Antony look most promising, as they rightfully should. His pedigree contains a number of great females noted for their production, type and longevity. The young son of Woodyglen Queen Mazie by "Antony" should sire a great group of cattle. The daughters of Smithland Supreme Champion are milking exceptionally well and remind me a great deal of the daughters of his sire Inka Supreme Posch. During my last visit to Forsgate I was impressed with the uniformity of the young daughters by Smithland Supreme Champion.

In conclusion I believe the offering at the sale will be a good one. The heifers are well grown and the mature females show the results of good care given them by the men in charge. I know you will have a very successful sale and if I can be of any assistance do not hesitate to call on me. With kindest regards, I am,

Sincerely yours,
(signed)
W. K. HEPBURN, JR.

April 4, 1955

Mr. T. E. Hays,
Hays Farms Limited
Box 470
Oakville, Ontario

Dear Tom,

I want to thank you for sending me copy of Bill Hepburn's letter with its complimentary remarks on the Forsgate herd. If you think that Bill should have no objection I would like to reproduce this letter in one of the Forsgate inside cover ads prior to the sale. There is no doubt that the very high opinion expressed by yourself on our herd is a tribute to Bill's ability, and I want to go on record acknowledging my thanks to Bill for the excellence of his work at Forsgate during the 5 years in which he reorganized and managed our herd.

Sincerely yours,
(signed)
J. FORSTER ABEEL, President

Complete Dispersal - 300 Head - June 3-4

— The Score is Tied —

Roamer and Regal

Both Have Five 2-Yr.-Old Daughters With Over 800 Lbs. Fat
And Both Have Two All-American "Gets"

PABST ROAMER 859213
Excellent — Gold Medal
Born: 10-27-42. Died: 10-12-54.

1. Pabst Robur Judith (VG)

2-10	365d	3X	22,661	3.9%	884.3

(Wisconsin State Record)
(Third high in U. S.)

***2. Pabst Romier Finella (GP)**

2-5	365d	3X	23,748	3.6%	850.3	(SA)

3. Pabst Roamer Lucy De Kol (G)

2-11	365d	3X	22,422	3.7%	838.6

***4. Pabst Roamer Premella (VG)**

2-11	365d	3X	23,697	3.5%	827.3
2-11	305d	3X	20,678	3.5%	715.6

(Wisconsin State Record — U. S. Milk Record)

5. Pabst Roamer Pride Louise (VG)

2-5	365d	3X	18,257	4.4%	805.2
2-5	305d	3X	16,784	4.4%	730.9

(Wis. State Record — Former U. S. Record)

* Full sisters

51 daughters in our herd score 84.98

ROAMER has 11 "Excellent" offspring and 3 Gold Medal sons

PABST REGAL 901195
Excellent — Gold Medal
Born: 3-19-44.

1. Pabst Regal Olive (GP)

2-5	365d	3X	23,794	3.9%	936.3
5-8	365d	3X	29,638	4.2%	1241.4

(Both Wisconsin State Records)

2. Pabst Rebel Eyebright (VG)

2-10	365d	3X	21,682	3.9%	852.3
4-10	365d	3X	24,887	3.9%	965.7

3. Pabst Rebel Cascader (VG)

2-2	365d	3X	21,931	3.8%	825.2
6-5	365d	3X	24,455	3.8%	928.4

4. Pabst Regride Queen Bess (E)

2-5	365d	3X	20,909	3.9%	812.3
5-1	365d	3X	22,876	4.0%	922.8
7-2	365d	3X	24,691	3.8%	944.9

5. Pabst Regal Plebe (VG)

2-1	365d	3X	22,524	3.6%	807.8

45 daughters in our herd score 84.38

REGAL has 5 "Excellent" offspring and 2 Gold Medal sons

No other sire has as many 2-year-old daughters with over 800 lbs. of fat. This inheritance for siring outstanding production and type was transmitted to Roamer and Regal by their Gold Medal Sire, Wisconsin Admiral Burke Lad, sire of 48 "Excellents" and 13 Gold Medal sons.

Write for pedigrees of Burke-bred bull calves and information for securing semen.

PABST FARMS INC. Acc. & Neg. Oconomowoc, Wis.